JOURNAL

of the

American Veterinary Medical Association

VOLUME 122

NOS. 910-915 JANUARY-JUNE, 1953

Published by

AMERICAN VETERINARY MEDICAL ASSOCIATION

600 S. MICHIGAN AVE., CHICAGO, ILL.

Contents Copyright 1953 by American Veterinary Medical Association

Index of Names

Authors

Anderson, Wesley D., 115, 158.
Archibald, James, 119.
Atkeson, F. W., 302.

Badame, George F., 307.
Bagdonas, V., 393.
Bailey, J. W., 37, 165, 222.
Bailey, William W., 305.
Barner, R. D., 302.
Barnhart, J. V., 225.
Bartlett, David E., 366.
Bay, W. W., 200.
Becklund, W. W., 373.
Benazzi, P., 117.
Bieberdorf, Frederick W., 49.
Blood, Benjamin D., 286.
Bohl, E. H., 81.
Borgman, Robert F., 161.
Boyd, Arthur G., 11.
Boyd, William J., 198.
Boyd, W. L., 425.
Bracken, Frank K., 99.

Cairy, Clyde F., 468.
Catcott, E. J., 172.
Chamberlain, D. M., 81, 106, 207, 471.
Christian, A. B., 479
Cole, C. R., 81, 106, 207, 471.
Colglazier, M. L., 29.
Collins, J. H., 9.
Cooper, F. S., 397.
Cowdery, John S., 306.
Cross, Robert F., 103.

Delahanty, D. D., 176, 481.
Dinusson, W. E., 380.
Docton, F. L., 207.
Dougherty, R. W., 345.
Doyle, L. P., 200.
Durant, A. J., 15.
Durbin, C. G., 1.
Dykstra, L. A., 91.

Earl, F. L., 1, 5, 7.
Easterbrooks, H. Lincoln, 287.
Eggert, M. J., 225.
Enzie, F. D., 29.
Eveleth, D. F., 377, 380.

Farquharson, J., 176.
Farrag, H., 35.
Farrell, R. L., 81, 207, 471.
Ferguson, L. C., 81.
Flint, Jean C., 45, 110.
Foster, A. O., 29.

Galton, Mildred M., 306.
Garrett, H. U., 474.
Gates, D. W., 94.
Gleiser, Chester A., 269.
Gorham, John R., 383.
Griner, L. A., 99.
Groves, Harold F., 211.

Habermann, Robert T., 73.
Hall, H. C., 289.
Hammond, P. B., 203.
Hansen, A. G., 290.
Hardy, Albert V., 306.
Hardy, W. T., 216, 223.
Harshfield, Gerald S., 294.
Hartsough, G. R., 383.
Harvey, M. J., 397.
Hauser, Walter, 41.
Hegazi, Abd El-Hamid, 182.
Hendricks, Stanley L., 474.
Hill, C. H., 151.
Holm, Glenn C., 377, 380.
Holzworth, Jean, 189.
Howarth, J. A., 300.
Hutchings, L. M., 200.

Janes, Joseph M., 158.
Johnson, L. E., 172.
Jonas, Albert M., 361.
Jonas, Salo, 361.
Jones, D. O., 81.
Jordan, E. M., 213.
Jordan, Justin E., 185.

Kemper, H. E., 373.
Koutz, F. R., 106, 211.
Kraft, Irene, 41.

Larsen, Aubrey B., 309.
Larsh, Howard W., 73.
Levy, Helen E., 390.
Low, Donald, 167.

McCarty, Robert T., 386.
McGowan, Blaine, 300.
McGregor, J. K., 312.
McKercher, D. G., 300.
Mackel, Donald C., 306.
Maddy, Keith T., 39, 197, 257, 387.
Mahmoud, A. Hosny, 35.
Mantovani, A., 117.
Mather, George, 167.
Menges, Robert W., 73, 294.
Miller, James G., 390.
Milne, F. J., 176.
Moist, Kenneth, 366.
Morse, E. V., 18, 31.
Moss, Lloyd C., 45.

Neserke, E. Irvin, 310.
Newborne, P. M., 221.
Nichols, R. E., 31.
Nielsen, Svend Woge, 189.

Oberst, F. H., 302.
Olds, Durward, 276.
Oglesby, W. T., 390.
Olson, Carl, Jr., 25, 393.

Paavola, O. A., 163.
Peterson, H. O., 373.
Plastridge, W. N., 287.
Prchal, Charles J., 42.
Price, D. A., 216, 223.
Prior, J. A., 471.

Raker, C. W., 370.
Rickards, D. A., 91.
Riley, William F., Jr., 272.
Ristic, M., 18.
Roberts, C. S., 213.
Roberts, I. H., 373.
Roberts, Seymour R. 86.
Ryff, J. F., 78.

Saito, Joseph K., 300.
Sanger, V. L., 207.
Saslaw, Samuel, 471.
Schalm, O. W., 462.
Schlotthauer, Carl F., 115, 158.
Segard, Christian P., 479.
Shalkop, W. T., 1.
Shorb, Doys A., 151.
Shuman, R. D., 1, 5, 7.
Simon, Joseph, 31.
Sinclair, L. R., 29.
Smith, Hilton A., 299.
Spindler, Lloyd A., 151.
Spurrell, Francis A., 366.
Stearns, T. J., 388.
Stowe, C. M., 315.
Stubbs, E. L., 226.
Sussman, Oscar, 354.

Tharp, V. L., 172.
Thomas, E. F., 275.
Thompson, Charles A. 260.
Torbert, Betty J., 390.
Tubbs, C. R., 371.

Vardaman, T. H., 309.

Wallace, Hugh, 483.
Wenner, Herbert A., 294.
Whiteford, R. D., 119.
Whitney, George D., 21.
Wipf, L., 18.
Witt, L. E., 18.
Woods, Gladys M., 462.
Yohe, Ralph S., 357.

Personals

Alexander, R. A., 505.
Allam, Mark A., 413.
Anderson, R. K., 48.
Atkinson, Joseph, 48.

Benson, Ezra Taft, 330.
Bergman, H. D., 68.
Brock, W. G., 138.
Bryan, Claude S., 69.

Carpenter, Cliff D., 48.
Clarkson, M. R., 412.
Clausen, Lawrence B., 70.
Cole, C. G., 419.
Covault, C. H., 68.
Creedon, John F., 418.

Dean, Edward E., 337.
Driver, Fred C., 70.
Dumas, Ray, 421.

Eckert, Arthur F., 505.
El-Dabbagh, Mohammed Abdullah, 149.

Firestone, Ray E., 48.
Fladness, S. O., 506.
Foust, H. L., 68.

Goldsby, Alice I., 422.
Goodwin, J. Arthur, 339.

Hagan, W. A., 252.
Hartman, Jacob L., 243, 418.
Haskell, W. H., 48.
Helvig, Raymond, 48.
Hershey, Guy F., 508.
Hoffman, O. K., 251.
Holm, Glenn C., 333.

Jaffray, John B., 418.

Karr, James R., 72.
Kerns, Robert L., 144.
Kieldsen, Robert F., 422.
Koonz, Carl H., 48.
Krill, W. R., 138.

Lieberman, James, 48.
Lopez, R. A., 509.

McCallam, J. A., 62, 331.
McGinty, J. T., 147.
Merchant, I. A., 68.
Moynihan, William, 510.
Murray, Charles, 68.

Parker, J. O., 48.
Patterson, F. D., 417.
Peterman, J. E., 506.

Rastegar, Reza, 149.
Ray, J. D., 67.
Rebrassier, R. E., 253.
Renshaw, Solon B., 147.
Riser, Wayne H., 333.
Roach, Robert W., 254.

Samper-Salazar, Alfred, 71.
Schofield, Frank W., 71.
Shahan, Maurice S., 247.
Shope, Richard E., 413.
Stader, Otto, 421.
Steele, James H., 48.
Stephenson, H. C., 253.
Stone, Raymond V., 248.
Sullivan, T. E., 48.

Thomas, E. F., 418.
Thomas, Richard M., 247.
Traum, Jacob, 337.

Witte, Ernest J., 421.

York, C. J., (April) adv. p. 52.

Deaths

Allen, George R., 149.
Allison, William D., 150.
Almquist, E. W., 344.
Assing, James E., 149.

Backer, Charles, 149.
Baker, Ben J., 149.
Baker, E. C., 149.
Bane, E. R., 255.
Barbee, J. C., Jr., 149.
Barber, C. B., 149.
Barker, Harry E., 423.
Barr, O. E., 149.
Barry, George, 149.
Bayard, Edwin Stanton, 254.
Belding, William A., 150.
Bernhardt, Ralph W., 72.
Bliss, Charles A., 150.
Bowes, Elliott D., 150.
Bown, John A., 255.
Brown, Edgar S., 423.
Brown, V. R., 341, 344.
Bryan, James M., 72.
Buck, Allen P., 150.
Burr, Alexander, 423.

Campbell, Homer D., 150.
Christian, Irvine, 255.
Christman, Homer, 150.
Clark, George A., 423.
Clarke, Burnett L., 150.
Coale, Bradbury B., 344.
Conley, Albert D., 72.
Conners, John F., 150.
Cook, T. Purdy, 344.
Copple, E. Don, 255.
Cranford, C. W., 72.
Crisler, Lewis H., 72.
Crowell, Ralph H., 423.
Cullen, William C., 150.
Curtice, Mrs. Minnie K., 145.

Denham, William B., 255.
Denton, Rufus D., 150.
Des Rosiers, A. E., 150.
Dibert, Lewis A., 150.
Donald, Thomas A., 423.
Dwyer, Carl W., 423.

Embick, Frank J., 72.
Enenaam, John Van, 423.

Farkas, Albert B., 72.
Ferron, Eugene, 423.

Fish, Wesley F., 255.
Fisher, John F., 424.
Fitzwater, M. C., 150.
Fladness, Mrs. S. O., 418.

Gerard, Russell S., 344.
Gibson, Samuel J., 344.
Gitz, Charles F., 344.
Graff, Rodger F., 255.
Greiner, Joseph M., 424.

Haas, Charles L., 424.
Hall, Willis F., 256.
Hapenney, James E., 72.
Hittle, R. E., 150.
Hogan, Joseph K., 424.
Holst, Richard B., 256.
Hoover, Earl F., 256.
Hopkins, Grant S., 424.
Hopkins, O. C., 150.
Howes, Murray V. C., 424.
Humphreys, F. E., 256.

Johnson, Waldo H., 424.
Johnston, W. L., 150.
Jones, Thomas B., 424.

Kay, Gustave A., 344.
Keely, Horace P., 150.
Keneley, Frank T., 256.
Kennelly, B. F., 424.
King, Claude W., 424.
Koenig, Frederick F., 424.
Kohl, Louis, 150.
Kron, Oscar J., 256.

LaBar, C. F., 150.
Ladson, Thomas A., 72.
Leaverton, J. Karl, 424.
Loomis, F. W., 150.

McBride, Garry V., Jr., 150.
McClain, G. L., 150.
McCullough, Edward Alexander, 150.
McIntyre, George D., 424.
McQueen, George L., 424.

MacLachlan, E. J., 424.
Marner, Lee W., 424.
Marshall, Henry E., 150.
Martin, Harry D., 256.
Maxwell, Frank E., 424.
Metzger, Alvah E., 424.

Miller, Herbert E., 256.
Morgan, Roy, 256.
Morse, John H., 150.
Myers, Harry E., 344.

Newcomb, H. H., 424.
Nighbert, E. M., 248, 256.

Olson, A. T., 150.
Ormiston, Howard L., 424.

Patterson, William E., 424.
Pfaffman, G. A., 72.
Pfeiffer, Walter F., 150.
Price, John O. F., 424.

Raymond, R. B., 150.
Rice, Thurman B., 249.
Riley, Bert J., 72.
Robb, Joseph R., 256.
Robertson, Robert J., 256.
Rude, Arthur E., 150.

Scheibler, Julius W., 72.
Schmidt, Albert C., 256.
Schneider, W. H., 150.
Schroeder, Erwin F., 256.
Sexmith, A. B., 424.
Siewert, August H. W., 150.
Spielman, John J., 150.
Stauffer, Leroy R., 424.
Stein, E. M., 150.
Sterling, A. C., 256.
Stevens, James C., 256.
Switzer, William B., 424.

Tacke, Fred J., 424.
Taylor, Thomas L., 150.
Thomas, John, 424.
Thompson, Mulford C., 344.

Van de Steeg, Frank C., 150.
Voss, William, 150.

Walker, William A., 424.
Weaver, W. P., 150.
Weeces, E. W., 150.
Wilkins, John E., 150.
Wilkins, S. B., 256.
Willett, Joseph C., 256.
Woodward, Benjamin T., 344.
Wright, Donald W., 72.

Zimmerman, H. P., 150.

Index of Subjects

A

A.A.H.A. Annual Meeting To Be Held in Minneapolis, The, 333.
Ablation and Progesterone Replacement Therapy During Pregnancy in the Cow, Corpus Luteum, 324.
Abortion Apparently Due to Brucella Abortus, Canine, 18.
Abortion Associated with Erysipelothrix (Listeria) Monocytogenes, Bovine, 490.
Abortion in Cattle, On the Inducement of, 135.
Abscesses and Gastritis, Liver, 268.
Acetonemia in Cattle, Postpartum, 491.
Actinomyces Bovis, Encephalitis in a Deer Due to, 78.
Actinomycosis, Canine, 73.
Actinomycosis in a Horse, 80.
Actinomycosis, Myths and Facts About, 130.
Actinomycosis of a Bovine Testes, 49.
Aerial Transport of Fertilized Ova, 235.
Altosa Center Agreement, Brazil Ratifies, 125.
(Altosa) on Martinique, Foot-and-Mouth Disease, 125.
Air Sac Disease, Antibiotics for Turkey Sinusitis and, 188.
Air Sac Infection in Missouri, 188.
Alabama, Leptospirosis in, 417.
Alexander to Study Sheep Disease, Dr., 505.
Allergens on Sensitized Goats, Evaluation of Acid-Fast, 325.
Allergy, Milk, 53.
Aluminum Hydroxide on Immunity Produced by Foot-and-Mouth Disease Vaccine, Influence of, 135.
Amendments to Constitution and Administrative By-Laws, Proposed, 499.
American Animal Hospital Association (Minnesota), 509.
Americas, The Veterinary Medical Profession in the—Its Size and Distribution, 266.
Amino Acids and Wound Healing, 483.
Anaplasmosis in Louisiana with Aureomycin and Terramycin, The Treatment of, 390.
Anaplasmosis, Research Conference on (Oklahoma), 421.
Anavenol, A Clinical Report on, 91.
Anemia in Cats, Infectious, 45.
Anesthesia in 15 Dogs, Methadone, Scopolamine, and Nembutal, 289.
Anemia in Cattle Caused by Heavy Infestations of the Blood-Sucking Louse, Haematopinus Eurysternus, 373.
Anesthesia in the Horse, Curare as an Adjunct to Chloral Hydrate, 489.
Anesthesia, Lumbar Epidural, 326.
Anesthesia with Sodium Pentobarbital, 325.
(Anesthetic, An Ascending Type of Equine) A Clinical Report on Anavenol, 91.
Anesthetic Drugs, The Pharmacology of, 327.
Anestrus Ewes, Efficacy of Estradiol Cyclopentyl-Propionate (ECP) in, 274.
Animal Agriculture Conference, Purdue University, April 20-21, 1953, Gleanings from the, 473.
Animal Agriculture, National Institute of (Indiana), 507.
Animal Reproduction and Artificial Insemination, Physiology and Pathology of, 235.
Anorexia in a Chinchilla, 41.
Anthrax and Antibiotics, Cutaneous, 13.
Anthrax, Epizootiology of, 495.
Anthrax, Hookworm Larvae Infects Hamsters with, 109.
Anthrax in Florida, 40.
Anthrax in Ohio (film), 60.
Anthrax in the United States (map), 40.
Anthrax Report, 356.
Anthrax—Response to Terramycin Therapy, 305.
Antibiotic Pig Pellets, 400.
Antibiotics and Rumen Digestion, 400.
Antibiotics, Cutaneous Anthrax and, 13.
Antibiotics for Plant Growth, 53.
Antibiotics for Tuberculosis, 39.
Antibiotics for Turkey Sinusitis and Air Sac Disease, 188.
Antibiotics in Dairy Feeds, 52.
Antibiotics in Dog Feed, 400.
Antibiotics in Feed, No Benefit Derived from, 228.
Antibiotics in Human Food, 389.
Antibiotics in Milk, Effect of, 494.
Antibiotics in the Treatment of Leptospirosis in Man, 114.
Antibiotics to Fattening Hogs, Feeding, 485.
Antibiotics, What Is Known About the Function of, 127.
Antiserum, Simultaneous Vaccination with Modified Live Hog Cholera Vaccine and Hog Cholera, 397.
Aortic Valve, Rupture of an, 39.
Armed Forces Institute of Pathology and Its Relation to Veterinary Medicine, The, 289.
Army Veterinary Corps, Colonel Hartman Appointed New Chief of, 243.
Arteritis and Phlebitis, Generalized Bovine, 197.
Artificial Breeding in Turkeys, 293.
Artificial Insemination Law, New (Montana), 420.
Artificial Insemination, Physiology and Pathology of Animal Reproduction and, 235.
Artificial Insemination, The Trichomonas Foetus-Infected Bull in, 366.
Ascarids and Bots in Horses, Toluene Against, 404.
Ascarids in Hogs, Postmortem Condemnations Resulting from Migratory, 42.
Ascaris in Calves in Australia, 125.
Aspergillosis, A Case of Egg-Borne, 225.
Aspergillosis of Goslings, 233.
Associated Serum Producers' Public Relations Program for 1953, The, 51.
Associated Serum Producers Sponsor Essay Contest, 304.
Atrophic Rhinitis, 98, 118.
Atrophic Rhinitis, I. A Herd Survey, 1.
Atrophic Rhinitis, II. The Rhinoscopic Examination of Swine as a Means of Diagnosing Atrophic Rhinitis, 5.
Atrophic Rhinitis, III. The Evaluation of the Rhinoscopic Examination for Its Diagnosis, 7.
Atrophic Rhinitis in Pigs, 4.
Atrophic Rhinitis of Swine, The Role of Trichomonads in, 151.
Atrophic Pancreatitis, Canine, 119.
Auctions, An Opinion on Livestock, 132.
Aujeszky's Disease in Cats, 50.
(Aujeszky Strain) in the Rhesus Monkey, Pseudorabies Virus, 325.
(Aujeszky Strain) Morphological Observations of Pseudorabies Virus, 134.
Aureomycin and Terramycin, The Treatment of Anaplasmosis in Louisiana with, 390.
Australian Pasture Problems, 485.
Austria, Trypanosoma Equiperdum in, 4.
Australia, Ascaris in Calves in, 125.
Australia, Scrapie Denied in, 318.

B

Babies and Diabetes, Large, 17.
Bacteria, Metamorphosis of Virus and, 215.
Bacteria Returned to Life, 215.
Bacteriologists' Meeting, Veterinary, 440.
Bees, Heredity and Production of, 372.
Benson and Confers with Government Officials, Board of Governors Meets Secretary, 330.
Benzethacil—A New Penicillin, 41.
Benzethacil, Canine Penicillin Blood Levels Obtained with Parenteral, 324.
Benzethacil for Dogs, Oral, 197.
Beta Ray Therapy in Ocular Diseases of Animals, 172.
BHC Internally for Lice in Swine, 389.
Bills Authorizing First Lieutenancy Immediately After Graduation Again Introduced, 242.
Bills Referred to Department of Defense, First Lieutenancy, 330.
Biopsy in Cattle, Liver, 489.
(Blackhead) in Turkeys, Preliminary Observations on the Use of Certain Nitrofuran Compounds in the Control of Enterohepatitis, 312.
Bloat from Forage Extracts, 229.
Bloat in Cattle, Wild Cherry, 392.
Bloat in Ruminants, Froth Formation and Acute, 324.
Bloat in Ruminants, The Continuing Quest for the Cause of, 345.
Bloat, More About, 403.
Bloat, Rationed Grazing to Prevent, 470.
Blood, Calcium, Inorganic Phosphate, and Magnesium Values of Horse, 404.
Blood Coagulability of Horses, 492.
Blood for Laboratory Use, Sheep, 226.
Blood-Sucking Louse, Haematopinus Eurysternus, Anemia in Cattle Caused by Heavy Infestations of the, 373.
Blood Levels Obtained with Parenteral Benzethacil, Canine Penicillin, 324.
Blood, Normal Variances in Horse, 133.
Blood Picture of the South American Chinchilla, A Preliminary Report on the, 221.
Blowfly Strike in Sheep, An Operation to Control, 483.
Bluetongue, Clinical Report on, 301.
(Bluetongue) Dr. Alexander to Study Sheep Disease, 505.
Bluetongue Virus from Sheep in California, A Preliminary Report on the Isolation and Identification of the, 300.
Board of Governors, 426.

Board of Governors Meets Secretary Benson and Confers with Government Officials. 330.
Bonus Bills, Status of First Lieutenancy and $100 Pay. 412.
(Bonus) Status of $100-a-Month Special Pay. 497.
Bots in Horses, Toluene Against Ascarids and. 404.
Bovine Abortion Associated with Erysipelothrix (Listeria) Monocytogenes. 490.
Bovine Animals, The Technique Employed in Splenectomy of. 94.
Bovine Arteritis and Phlebitis, Generalized. 197.
Bovine Cryptococcosis, An Outbreak of. 31.
Bovine Cryptococcosis at Armed Forces Institute of Pathology, New Study Materials on Canine Eye Diseases and. 353.
Bovine Encephalomyelitis, Sporadic. 294.
Bovine Fetal Monstrosity, A. 165.
Bovine Hemorrhagic Disease Caused by Trichloroethylene-Processed Soybean Oil Meal, Observations on the. 103.
Bovine Hyperkeratosis, Observations on a Milk Factor in. 25.
Bovine Mastitis Caused by Cryptococcus Neoformans, Pathology of. 57.
Bovine Spermatozoa, Fresh Seminal Plasma and. 236.
Bovine Testis, Actinomycosis of a. 49.
Bovine Tuberculosis in Mink. 39.
Boy, Leptospirosis in a. 48.
Boyd, A Message from President (The Toronto Meeting). 425.
Bracken Poisoning in Rats. 36.
Bradsot in Goats. 234.
Brahman Steer, Cheilopalatoschisis of a. 39.
Brazil Ratifies Aftosa Center Agreement. 125.
Breeding in Turkeys, Artificial. 293.
Breeding of Cattle, Prevention of Microbiological Interferences in. 235.
Bronchitis in Cattle, Parasitic. 85.
Bronchitis in Cattle, Verminous. 181.
Bronchitis in Chickens, Infectious. 314.
Bronchitis in Chickens, Virus to Combat. 210.
Brucella Abortus, Canine Abortion Apparently Due to. 18.
Brucella Abortus Strain 19, Intracaudal Vaccination with. 181.
Brucella Exposure During Early Calfhood. 57.
Brucellosis (Abortus) in Cows, The Use of Dead Strain 19 Vaccine to Differentiate Vaccinal from Infection Titers of. 302.
Brucellosis Testing, Resolution Passed Against Training of Laymen for (Arkansas). 144.
Bull in Artificial Insemination, The Trichomonas Foetus-Infected. 366.
Bulls, Preputial Samples for Diagnosis of Trichomoniasis in. 325.
Bulls, Sterility in Heifers Born Twins with. 160.
By-Laws, Proposed Amendments to Constitution and Administrative. 499.

C

Calcium, Inorganic Phosphate, and Magnesium Values of Horse Blood. 404.
Calculi in Lambs, Urinary. 400.
Calf, "Flying Saucerosis" in a. 299.
Calfhood, Brucella Exposure During Early. 57.
Calf Mortality. 118.
California, A Preliminary Report on the Isolation and Identification of the Bluetongue Virus from Sheep in. 300.
California Seeks Veterinarians. 53.
California State Animal Pathology Laboratory, The Building Program of the. 11.
Calves, Clostridium Perfringens (Type C) in Acute Hemorrhagic Enteritis of. 99.
(Calves) Colostrum Vital to Health. 166.
Calves, Detergent Fed to Dairy. 229.
Calves for Experiments, More Twin. 323.
Calves, Hereditary Defects in. 92.
Calves in Australia, Ascaris in. 125.
Calves, Tetanus in Sheep and. 166.
Camel Compared with Other Domesticated Animals and Its Microscopic Examination, The Spleen of the. 182.
Canadian Border to Be Opened. 10.
Canine Abortion Apparently Due to Brucella Abortus. 18.
Canine Actinomycosis. 73.
Canine Atrophic Pancreatitis. 119.
Canine Distemper-Hepatitis Complex. 110.
Canine Eye Diseases and Bovine Cryptococcosis at Armed Forces Institute of Pathology, New Study Materials on. 353.
Canine Leptospirosis. 171.
Canine Penicillin Blood Levels Obtained with Parenteral Benzethacil. 324.
Canine Rabies Vaccination. 379.
Canine Surgery. 494.
Carcinoma in Dogs, Gastric. 92.
Carsickness in Dogs. 198.
Caseous Lymphadenitis of Sheep. 257.
Castle, Convention Entertainment Includes a Ball Game and Tea in a. 407.
Castration, Synthetic Estrogens and Hormonal. 493.
Cats, Tendon Repair in. 484.
Cat, Tuberculosis in the. 470.
Cat, Verminous Pneumonia in a. 382.
Cat, Visceral Lymphosarcoma of the. 189.
Cats, Aujeszky's Disease in. 50.
Cats, Infectious Anemia in. 45.
Cats, Ringworm in. 234.
Cattle and Sheep Fed Potato Plants, Solanin Influence in. 493.
Cattle Caused by Heavy Infestations of the Blood-Sucking Louse, Haematopinus Eurysternus, Anemia in. 373.
Cattle, Continuous Glucose Therapy for. 37.
Cattle, Dihydrostreptomycin Dose-Serum Level Relationships in. 203.
Cattle, Dwarfism in. 24.
Cattle, Field Observations on the Relation of Nutrition to Sterility in Dairy. 126.
Cattle Grubs, Rotenone Best for. 389.
Cattle, Infertility in—A Review. 276.
Cattle in Israel in 1949, Outbreak of Leptospirosis in. 58.
Cattle in Kentucky, Fescue Foot or Ergot-like Disease in. 388.
Cattle, Leptospirosis in. 222.
Cattle, Liver Biopsy in. 489.
Cattlemen, A Veterinary Handbook for. 406.
Cattle, Multiple Tumors in. 57.
Cattle, Noseprinting. 36.
Cattle, Observations on the Epizootiology of Cutaneous Papillomatosis (Warts) of. 393.
Cattle of Virgin Islands, Tick Fever in. 246.
Cattle, On the Inducement of Abortion in. 135.
Cattle, Parasitic Bronchitis in. 85.
Cattle, Postpartum Acetonemia in. 491.
Cattle, Prevention of Microbiological Interferences in Breeding of. 235.
Cattle Problem, A Mule-Footed. 271.
Cattle, Recent Studies on Ketosis in Dairy. 126.
Cattle, Sex Physiology of. 235.
Cattle, Sulfisoxazole—Some Aspects of Its Pharmacology in Dairy. 315.
Cattle, Superovulation and Ovum Transplantation in. 236.
Cattle, TESOM-Poisoned. 229.
Cattle, The Cause and Treatment of Ketosis in. 479.
Cattle, Transmission of Q Fever Among Dairy. 134.
Cattle, Verminous Bronchitis in. 181.
Cattle, Wild Cherry Bloat in. 392.
Cattle with the Hormone, ECP®, The Treatment of Certain Types of Sterility in. 287.
Cecectomy in the Horse, Cecotomy and. 234.
Cecotomy and Cecectomy in the Horse. 234.
Census Findings on Health Occupations, Preliminary. 356.
Cervical Mucus for Early Diagnosis of Pregnancy and Endocrine Changes. 492.
Cervical vs. Uterine Insemination. 24.
Cervicitis, Insemination Despite. 20.
Cesarean Section in Ewes. 272.
Cesarean Section in the Ewe. 273.
Cheilopalatoschisis of a Brahman Steer. 39.
Chemotherapy of Enterohepatitis of Turkeys. 324.
Cherry Bloat in Cattle, Wild. 392.
Chicken Embryo and Radioactive Phosphorus, The Developing. 489.
Chickens, Infectious Bronchitis in. 314.
Chickens, Prophylactic Effect of Cobalt Against Leukosis of. 234.
Chickens, Virus to Combat Bronchitis in. 210.
Chicks, Chilling and Overheating. 288.
Chicks, Influence of Litter on Control of Salmonella Infections in. 57.
Children, Vitamin B_{12} for. 53.
Chinchilla, A Black. 20.
Chinchilla, Anorexia in a. 41.
Chinchilla, A Preliminary Report on the Blood Picture of the. 221.
Chinchilla Show (Mass.). 251.
Chinniah Not a Veterinarian, Mr., 304.
Chloral Hydrate Anesthesia in the Horse, Curare as an Adjunct to. 489.
Chlorination, Enhanced. 51.
Chloromycetin in Distemper. 171.

Chloromycetin on Dogs, Effect of, 50.
Cholera, Encephalitis in Swine in Relation to Hog, 382.
Cholera Losses, Postvaccination Hog, 133
Cholera Vaccinating Conundrum Again, That, 320.
Cholera Vaccine and Hog Cholera Antiserum, Simultaneous Vaccination with Modified Live Hog, 397.
Cholera Vaccines, Experiences with Hog, 98.
Cholera Virus, The "Microbial" Form of the Hog, 234.
Cholinergic Drugs, New, 38.
Cholinesterase Inhibitor in Neuromuscular Dysfunctions of the Horse, The Use of a, 307.
Cigarette Smoke, Tar from, 132.
Civil Defense Conference, Veterinarians Participate in, 139.
Clarkson Heads Vesicular Exanthema Program, Dr., 412.
Classification of Federal Veterinarians, Improved, 412.
Clostridium Perfringens (Type C) in Acute Hemorrhagic Enteritis of Calves, 99.
Coagulability of Horses, Blood, 492.
Coagulant in Veterinary Practice, The Employment of an Emergency Systemic, 21.
Cobalt Against Leukosis of Chickens, Prophylactic Effect of, 234.
Cobalt Deficiency in Sheep, 229.
Coccidioidomycosis Acquired in Feeding Pens (Arizona), 506.
Coccidiosis Vaccine, 40.
Colleges Behind the Iron Curtain, Veterinary, 490.
Colleges Evaluated by Council on Education, Foreign Veterinary, 241.
Collies, Working, 128.
Colostrum Vital to Health, (Calves), 166.
Commercial Exhibits at Toronto, The, 455.
Committee on Local Arrangements, 432.
Committee on Local Arrangements, Message from the Chairmen, 430.
Committee on Local Arrangements Working—Ample Hotel Accommodations, The AVMA Will Go to Toronto in 1953, 61.
Conception Rate of Cows After Insemination at Different Stages of Heat, 491.
Condemnations Resulting from Migratory Ascarids in Hogs, Postmortem, 42.
Congress, Latest Information on Fifteenth International Veterinary, 496.
Congress of Public Health, Veterinarians Participate in First Inter-American, 332.
Congress on Fertility and Sterility, First World, 502.
"Congress Passes a Law, When," 360.
Congress, Stockholm, Aug. 9-15, 1953, Latest Information About the Fifteenth International Veterinary, 240.
Congress, Time Growing Short for Making Tour Reservations for Stockholm, 411.
Conjunctival Flap Operation in Small Animals, The, 86.
Constitution and Administrative By-Laws, Proposed Amendments to, 499.
Contest, Associated Serum Producers Sponsor Essay, 304.
Copper Metabolism in Sheep, Molybdenum and, 127.
Cornell Nutrition Conference for Feed Manufacturers, Nov. 6-7, 1952, Notes from the, 126.
Corpus Luteum Ablation and Progesterone Replacement Therapy During Pregnancy in the Cow, 324.
Correction, 36.
Correspondence, adv. pages, Jan., 40; March, 51; April, 50; May, 50; June, 42.
Cortisone for Mast Cell Tumors of Dogs, 378.
Cortisone in Phosphorus Poisoning, 175.
Cortisone Treatment of Ketosis, 378.
Corynebacterium Pseudotuberculosis Infection in a Horse, 387.
Cottonseed Meal Tolerance, 228.
Council on Education, A Brief History of the AVMA, 54.
Council on Education, Foreign Veterinary Colleges Evaluated by, 241.
Cow, A Patent Urachus and Umbilical Hernia in a, 370.
Cow, Corpus Luteum Ablation and Progesterone Replacement Therapy During Pregnancy in the, 324.
Cows After Insemination at Different Stages of Heat, Conception Rate of, 491.
Cows, Diaphragmatic Hernia in Two, 371.
Cow, Severed Flexor Tendons in a, 484.
Cows, Sodium Deficiency in, 228.
Cows, The Use of Dead Strain 19 Vaccine to Differentiate Vaccinal from Infection Titers of Brucellosis (Abortus) in, 302.
(Coxa Plana) in the Dog, Legg-Perthes' Disease, 115.
Coxiella Burnetii from Rhipicephalus Sanguineus on Naturally Infected Dogs, The Isolation of, 117.
Cryptococcosis, An Outbreak of Bovine, 31.
Cryptococcosis at Armed Forces Institute of Pathology, New Study Materials on Canine Eye Diseases and Bovine, 353.
Cryptococcosis in a Dog, 213.
Cryptococcus Neoformans, Pathology of Bovine Mastitis Caused by, 57.
Cuckoos, Fleas, Flukes, and, 136.
Curare as an Adjunct to Chloral Hydrate Anesthesia in the Horse, 489.
Curare in the Horse, The Pharmacodynamics of, 490.
Current Literature, 57, 133, 233, 324, 404, 489.
Cutaneous Anthrax and Antibiotics, 13.
Cyclopentyl-Propionate (ECP) in Anestrus Ewes, Efficacy of Estradiol, 274.
Cysts, Hyperestrogenism, and the Pathogenesis of Pyometra in Dogs, Follicular, 493.

D

Dairy Calves, Detergent Fed to, 229.
Dairy Cattle, Field Observations on the Relation of Nutrition to Sterility in, 126.
Dairy Cattle, Recent Studies on Ketosis in, 126.
Dairy Cattle, Sulfisoxazole—Some Aspects of Its Pharmacology in, 315.
Dairy Cattle, Transmission of Q Fever Among, 134.
Dairy Feeds, Antibiotics in, 52.
Danish Veterinary Ex Libris, 406.
Death from Psittacosis, 314.
Deer Due to Actinomyces Bovis, Encephalitis in a, 78.
Defense, First Lieutenancy Bills Referred to Department of, 330.
Deficiency in Cows, Sodium, 228.
Deficiency in Sheep, Cobalt, 229.
Deformity of the Tongue, A Disease of Turkeys Characterized by, 207.
Demodectic Mange, 326.
Detergent Fed to Dairy Calves, 229.
Diabetes, Large Babies and, 17.
Diagnosis of Pneumonia in Dogs, Roentgenographic, 493.
Diaphragmatic Hernia in Two Cows, 371.
Dicoumarin and Its Derivatives, Intoxication with, 493.
Dictyocaulus Filaria, Experimental Infection of Sheep and Goats with, 134.
Dihydrostreptomycin Dose-Serum Level Relationships in Cattle, 203.
Dihydrostreptomycin for Mastitis, 184.
Dinner Bell Program Features Interviews with Veterinarians, 501.
Di-Phenthane-70 on the Sheep Tapeworm, Moniezia Expansa, Trials with, 29.
Dirt in Human Diet, 128.
Distemper, Chloromycetin in, 171.
Distemper-Hepatitis Complex, Canine, 110.
Distemper in Mink, Control of, 383.
Doctors Draft Bill, AVMA Representative Testifies on, 497.
Doctors Draft Legislation, 412.
Dog, A Pseudohermaphrodite, 24.
Dog, Chronic Pulmonary Osteoarthropathy in the, 167.
Dog, Crytococcosis in a, 213.
Dog, Dramamine and the Vestibular Apparatus in the, 325.
Dog Feed, Antibiotics in, 400.
Dog in Ohio, Strongyloides Stercoralis from a, 211.
Dog, Legg-Perthes' Disease (Coxa Plana) in the, 115.
Dog, Method for Treatment of Fractures of the Femoral Neck in the, I. An Experimental Study, 158.
Dog, Nocardiosis in the, 81.
Dog, Prolapsed Rectum in a, 293.
(Dog) Schlatter's Disease in a Pup, 275.
(Dogs, A Report of Its Occurrence in Eight) Pneumonyssus Caninum in the Nasal Cavity and Paranasal Sinuses, 106.
Dogs, Carsickness in, 198.
Dogs Caused by Pseudomonas Aeruginosa, Otorrhea in, 35.
Dogs, Cortisone for Mast Cell Tumors of, 378.
Dogs, Dosage Studies of Surital Sodium in, 161.
Dogs, Effect of Chloromycetin on, 50.
Dogs, Follicular Cysts, Hyperestrogenism, and the Pathogenesis of Pyometra in, 493.
Dogs for Leptospira, Immunizing, 318.
Dogs, Gastric Carcinoma in, 92.
Dogs, Hydatid Disease from, 171.
Dogs, Injuries to the Stifle Joint in, 275.
Dogs, Methadone, Scopolamine, and Nembutal Anesthesia in 15, 289.
Dogs, Oral Benzethacil for, 197.
Dogs, Roentgenographic Diagnosis of Pneumonia in, 493.
Dogs, The Isolation of Coxiella Burnetii from Rhipicephalus Sanguineus on Naturally Infected, 117.
(Dourine) Trypanosoma Equiperdum in Austria, 4.
Dramamine and the Vestibular Apparatus in the Dog, 325.
Drug Regulations as They Apply to Veterinarians, Federal, 9.

Drugs Against the Fringed Tapeworm, Activity of Certain, 216.
Drugs, The Pharmacology of Anesthetic, 327.
Ducks, Prevention of Enlarged Hock Disease in Turkeys and, 126.
Ducks, Psittacosis in (England), 422.
Dwarfism in Cattle, 24.

E

ECPE, The Treatment of Certain Types of Sterility in Cattle with the Hormone, 287.
Editorial, 54, 129, 230, 320, 401, 486.
Education, A Brief History of the AVMA Council on, 54.
Education, Southern Regional Program a Boon for Veterinary, 401.
Egg-Borne Aspergillosis, A Case of, 225.
Eimeria Arloingi in Sheep, Life History of, 490.
Electron Microscopic Study of the Virus of Rabies, 489.
Encephalitis in a Deer Due to Acintomyces Bovis, 78.
Encephalitis in Swine in Relation to Hog Cholera, 382.
Encephalomyelitis, Sporadic Bovine, 294.
Endocrine Changes, Cervical Mucus for Early Diagnosis of Pregnancy and, 492.
English Sparrow, Effects of Newcastle Disease Virus on the, 134.
Enteritis of Calves, Clostridium Perfringens (Type C) in Acute Hemorrhagic, 99.
Enterohepatitis (Blackhead) in Turkeys, Preliminary Observations on the Use of Certain Nitrofuran Compounds in the Control of, 312.
Enterohepatitis of Turkeys, Chemotherapy of, 324.
Enterotomy in a Pony, 293.
Enterotoxemia in Sheep, Infectious, 57.
Entertainment, General Convention, 440.
Environment, Plant Vitamins and, 52.
Epidemiology of Tuberculosis in Man, The Double, 58.
(Equine Anesthetic, An Ascending Type of), A Clinical Report on Anavenol, 91.
Ergot-like Disease in Cattle in Kentucky, Fescue Foot or, 388.
Eructation in Ruminants, Physiological Studies of, 220.
Erysipelas Vaccination, Swine, 53.
Erysipelothrix (Listeria) Monocytogenes, Bovine Abortion Associated with, 490.
Essay Contest, Associated Serum Producers Sponsor, 304.
Estradiol Cyclopentyl-Propionate (ECP) in Anestrus Ewes, Efficacy of, 274.
Estrogen Passed Through Milk, 20.
Estrogens and Hormonal Castration, Synthetic, 493.
Estrogens in Legume Hays, 229.
Estrogens in Veterinary Medicine, Synthetic, 57.
Estrus in Ewes, Induction of, 160.
Estrus in Sows, Postpartum, 166.
Ewe, Cesarean Section in the, 273.
Ewes, Cesarean Section in, 272.
Ewes, Don't Use Hormones on, 166.
Ewes, Efficacy of Estradiol Cyclopentyl-Propionate (ECP) in Anestrus, 274.
Ewes, Glycerol for Ketosis in, 483.
Ewes, Glycerol for Toxemia in Pregnant, 165.
Ewes, Hormones for Breeding, 160.
Ewes, Induction of Estrus in, 160.
Ewes, Parasites Fatal to Nursing, 372.
Exanthema Controls to Be Stepped Up, Vesicular, 322.
Exanthema Score, Vesicular, 13.
Exanthema, The Score on Vesicular, 157.
Executive and Legislative Sessions, 429.
Executive Board, 426.
Executive Committee—AVMA House of Representatives, 426.
Exhibits at Toronto, The Commercial, 455.
Ex Libris, Danish Veterinary, 406.
Extension Splint, Self-Retaining Medullary, 361.
Extractor, An Auxiliary Use for a Jack-Type Fetal, 163.
Extractor, More Uses for the Fetal, 483.
Eye Diseases and Bovine Cryptococcosis at Armed Forces Institute of Pathology, New Study Materials on Canine, 353.

F

Farmers' Hourly Wages, 202.
Fascioliasis, Tuberculin and, 58.
Federal Drug Regulations as They Apply to Veterinarians, 9.
Federal Veterinarians, Improved Classification for, 412.
Federal Veterinarians, Letter Pertaining to Classifications for, 497.
Feed Bag Sanitizing, 98.
Feed Manufacturers, Nov. 6-7, 1952, Notes from the Cornell Nutrition Conference for, 126.
Feed, No Benefit Derived from Antibiotics in, 228.
Feed Toxicity Similar to that Caused by Trichloroethylene-Extracted Soybean Oil Meal, 377.
Fellowship Award, The Ralston Purina Company Research, 139.
Fellowships, Ralston Purina Research, 498.
Femoral Neck in the Dog, Method for Treatment of Fractures of the, I. An Experimental Study, 158.
Fertility and Sterility, First World Congress on, 502.
Fertility and Sterility to Be Held in New York, World Conference on, 141.
Fertilization, Observations on, 24.
Fescue Foot or Ergot-like Disease in Cattle in Kentucky, 388.
Fetal Extractor, An Auxiliary Use for a Jack-Type, 163.
Fetal Extractor, More Uses for the, 483.
Fetal Monstrosity, A Bovine, 165.
Films, Reviews of Veterinary Medical:
Anthrax in Ohio, 60.
Rabies Can Be Controlled, 60.
Scrapie, 495.
Epizootiology of Anthrax, 495.
It Pays to Take It Easy, 495.
Teschen Disease (Symptomatology Contrasts with Hog Cholera and Nutritional Deficiency), 495.
Films to Be Shown at the AVMA Meeting, New, 440.
Filterable Virus in Paratuberculosis, 234.
Fleas, Flukes, and Cuckoos, 136.
Fistulas, A Flap Operation for Small Ruminal, 404.
Florida, Anthrax in, 40.
Fluke Problem and Its Control, The Liver, 135.
Flukes, and Cuckoos, Fleas, 136.
"Flying Saucerosis" in a Calf, 299.
Foals, Hemolytic Icterus of Newborn, 324.
Folic Acid Deficiency in Lambs, 319.
Folic Acid for Lead Poisoning, 114.
Follicular Cysts, Hyperestrogenism, and the Pathogenesis of Pyometra in Dogs, 493.
Food, Antibiotics in Human, 389.
Food Inspection, Veterinary, 494.
Food Poisoning of Mink, 135.
Foot-and-Mouth Disease (Aftosa) on Martinique, 125.
Foot-and-Mouth Disease, Control and Prevention of, 58.
(Foot-and-Mouth Disease) Dr. Shahan Named Director of Research Laboratory at Plum Island, 247.
Foot-and-Mouth Disease Vaccine, Influence of Aluminum Hydroxide on Immunity Produced by, 135.
Foot-and-Mouth Disease Virus, The "Microbial" Form of, 233.
Forage Extracts, Bloat from, 229.
Forage Preservation Affects Milk Production, 126.
Foreign Body Trauma, 215.
Foreign Veterinary Colleges Evaluated by Council on Education, 241.
4-H Handbook, The, 59.
Fowl Paralysis and Poliomyelitis, 467.
Fowl, Removing the Vocal Cords of, 14.
Fractures of the Femoral Neck in the Dog, Method for Treatment of, I. An Experimental Study, 158.
Froth Formation and Acute Bloat in Ruminants, 324.
Fund Raising Can Be Fun, 499.
Furs, Truth About, 128.

G

Garbage-Borne Diseases, State Problems in the Control of, 354.
Garbage, Cooking Raw, 102.
Garbage Feeding, Report on, 102.
Garbage Banned, Uncooked, 39.
Gastric Carcinoma in Dogs, 92.
Gastritis, Liver Abscesses and, 268.
Gasteroenteritis of Swine—A Study of Immunity, Transmissible, 200.
Geese, Neomycin Sulfate Treatment of Salmonella Derby Infection in, 386.
Giltner Hall Completed, Ward, 69.
Glanders, Modern Drugs Cure, 114.
Glucose Therapy for Cattle, Continuous, 37.
Glycerol for Ketosis in Ewes, 483.
Glycerol for Toxemia in Pregnant Ewes, 165.
Goat-Sheep Hybrids, No, 93.
Goats, A Semen Study of, 133.
Goats, Bradsot in, 234.
Goats, Evaluation of Acid-Fast Allergens on Sensitized, 325.
Goats, Pleuropneumonia of, 58.
Goats with Dictyocaulus Filaria, Experimental Infection of Sheep and, 134.
Gonadotrophins, Repeated, 163.
Goslings, Aspergillosis of, 233.
Group Conferences and Meetings of Other Organizations, AVMA, 439.
Growth, Antibiotics for Plant, 53.
Guajillo Poisoning of Sheep, 223.
Gut Perforation by Non-Metals, 17.

H

Haematopinus Eurysternus, Anemia in Cattle Caused by Heavy Infestations of the Blood-Sucking Louse, 373.
Hamsters with Anthrax, Hookworm Larvae Infects, 109.
Handbook for Cattlemen, A Veterinary, 406.
Hard Pad Disease, I, III, 235.
Hartman Appointed New Chief of Army Veterinary Corps, Colonel, 243.
Hatcheries, Pig, 164.
Hays, Estrogens in Legume, 229.
Hay, Toxicity of Insecticides on, 389.
Health, Building America's, 405.
Health Occupations, Preliminary Census Findings on, 356.
Health Resources in the United States, 136.
Heat Applications for Horses, Local, 44.
Heifers Born Twins with Bulls, Sterility in, 160.
Heifers, Effect of Progesterone on Time of Ovulation of, 293.
Hematonic for Baby Pigs, New, 319.
Hemolytic Icterus of Newborn Foals, 324.
Hemorrhagic Disease Caused by Trichloroethylene-Processed Soybean Oil Meal, Observations on the Bovine, 103.
Hemorrhagic Enteritis of Calves, Clostridium Perfringens (Type C) in Acute, 99.
Hepatitis Complex, Canine Distemper-, 110.
Hepatitis Virus, Infectious, 199.
Hereditary Defects in Calves, 92.
Heredity and Production of Bees, 372.
Hernia in a Cow, A Patent Urachus and Umbilical, 370.
Hernia in Two Cows, Diaphragmatic, 371.
Hide Problem, The, 265.
Histoplasmosis in Animals, 471.
Hock Disease in Turkeys and Ducks, Prevention of Enlarged, 126.
(Hog Cholera and Nutritional Deficiency, Symptomatology Contrasts with) Teschen Disease (film), 495.
Hog Cholera, Encephalitis in Swine in Relation to, 382.
Hog Cholera Losses, Postvaccination, 133.
Hog Cholera Vaccine and Hog Cholera Antiserum, Simultaneous Vaccination with Modified Live, 397.
Hog Cholera Vaccines, Experiences with, 98.
Hog Cholera Virus, The "Microbial" Form of the, 234.
Hog Raisers Take Steps to Solve Disease Problems, 50.
Hogs, Feeding Antibiotics to Fattening, 485.
Hogs, Postmortem Condemnations Resulting from Migratory Ascarids in, 42.
Holm Appointed Dean of Agricultural College, Dr., 333.
Hookworm Larvae Infects Hamsters with Anthrax, 109.
Hormonal Castration, Synthetic Estrogens and, 493.
Hormone, ECP®, The Treatment of Certain Types of Sterility in Cattle with the, 287.
Hormones for Breeding Ewes, 160.
Hormones, Inducing Lactation with, 491.
Hormones on Ewes, Don't Use, 166.
Horse, Actinomycosis in a, 80.
Horse Blood, Calcium, Inorganic Phosphate, and Magnesium Values of, 404.
Horse Blood, Normal Variances, 133.
Horse, Cecotomy and Cecectomy in the, 234.
Horse, Corynebacterium Pseudotuberculosis Infection in a, 387.
Horse, Curare as an Adjunct to Chloral Hydrate Anesthesia in the, 489.
Horse Research Organization Established (Ky.), 338.
Horses, Blood Coagulability of, 492.
Horses, Toluene Against Ascarids and Bots in, 404.
Horse Strongyles, N-Heterocyclic Compounds and, 133.
Horse, The Use of a Cholinesterase Inhibitor in Neuromuscular Dysfunctions of the, 307.
Horses, Leptospirosis in, 44.
Horses, Local Heat Applications for, 44.
Horses, Lymphangitis in, 58.
Hospital, A Large and Small Animal, 260.
Hospital Association, American Animal (Minnesota), 509.
House of Representatives, 427.
House of Representatives, Executive Committee—AVMA, 426.
Human Diet, Dirt in, 128.
Human Food, Antibiotics in, 389.
Hungry, Poison Hazards of the, 486.
Hybrids, No Goat-Sheep, 93.
Hydatid Disease from Dogs, 171.
Hydrazide on Mycobacterium Paratuberculosis, The Effect of Isonicotinic Acid, 309.
Hyperestrogenism, and the Pathogenesis of Pyometra in Dogs, Follicular Cysts, 493.
Hyperkeratosis in Wisconsin, 28.
Hyperkeratosis, Observations on a Milk Factor in Bovine, 25.
Hyperkeratosis, Vitamin A and, 485.
Hypochlorites, Quaternaries Versus, 386.

I

Icterus of Newborn Foals, Hemolytic, 324.
Illinois, Rabies in, 379.
Immunity of the Newborn, 365.
Immunity, Transmissible Gastroenteritis of Swine—A Study of, 200.
Incentive Pay for Armed Services, Dr. Krill Appeared Before Special Commission on, 138.
Infertility in Cattle—A Review, 276.
Infertility, Minerals and, 93.
Influenza-like Disease of Swine in Sweden, An, 492.
Infusion in Large Domestic Animals, Continuous Intravenous, 493.
Inhibitor in Neuromuscular Dysfunctions of the Horse, The Use of a Cholinesterase, 307.
Insecticide Birth Rate, 102.
Insecticides on Hay, Toxicity of, 389.
Insecticides, Toxicology of, 389.
Insecticides, Wildlife Mortality from, 116.
Insemination at Different Stages of Heat, Conception Rate of Cows After, 491.
Insemination, Cervical vs. Uterine, 24.
Insemination Despite Cervicitis, 20.
Insemination, Physiology and Pathology of Animal Reproduction and Artificial, 235.
Insemination, The Trichomonas Foetus-Infected Bull in Artificial, 366.
Inspection, Veterinary Food, 494.
Institute of Pathology and Its Relation to Veterinary Medicine, The Armed Forces, 269.
International Veterinary Congress, Latest Information on Fifteenth, 494.
International Veterinary Congress, Stockholm, Aug. 9-15, 1953, Latest Information About the, 240.
Intestinal Volvulus, Surgery for, 17.
Intoxication with Dicoumarin and Its Derivatives, 493.
Intracaudal Vaccination with Brucella Abortus Strain 19, 181.
Intrapartum Uterine Rupture, 484.
Intravenous Infusion in Large Domestic Animals, Continuous, 493.
Iowa, Rabies in, 474.
Iron Curtain, Veterinary Colleges Behind the, 490.
Irrigated Pastures Disappointing, 228.
Isonicotinic Acid Hydrazide on Mycobacterium Paratuberculosis, The Effect of, 309.
Israel in 1949, Outbreak of Leptospirosis in Cattle in, 58.

J

Johne's Disease, 215.
Johne's Disease Vaccination, 265.
Joint in Dogs, Injuries to the Stifle, 275.

K

Kentucky, Fescue Foot or Ergot-like Disease in Cattle in, 388.
Ketosis, Cortisone Treatment of, 378.
Ketosis in Cattle, The Cause and Treatment of, 478.
Ketosis in Dairy Cattle, Recent Studies on, 126.
Ketosis in Ewes, Glycerol for, 483.
Krill Appeared Before Special Commission on Incentive Pay for Armed Services, Dr., 138.

L

Laboratory, The Building Program of the California State Animal Pathology, 11.
Laboratory Use, Sheep Blood for, 226.
Lactation with Hormones, Inducing, 491.
Lambs, Folic Acid Deficiency in, 319.
Lambs, Urinary Calculi in, 400.
Land-Grant Colleges, New Officers of Veterinary Division, 138.
Lead Poisoning, Folic Acid for, 114.
Lead Poisoning, Urinary Porphyrin in, 128.
Legg-Perthes' Disease (Coxa Plana) in the Dog, 115.
Legislative Organization Being Developed, 132.
Legume Hays, Estrogens in, 229.
Leptospira, Immunizing Dogs for, 318.
Leptospirosis, Canine, 171.
Leptospirosis in a Boy, 48.
Leptospirosis in Alabama, 417.
Leptospirosis in Cattle, 222.
Leptospirosis in Cattle in Israel in 1949, Outbreak of, 58.
Leptospirosis in Horses, 44.
Leptospirosis in Man, Antibiotics in the Treatment of, 114.
Leptospirosis in Switzerland, 171.

Leptospirosis in Wisconsin, 222.
Leptospirosis, Problems with, 467.
Leptospirosis Symposium, 71.
Leukosis of Chickens, Prophylactic Effect of Cobalt Against, 234.
Lice in Swine, BHC Internally for, 389.
Lieutenancy and $100 Pay Bonus Bills, Status of First, 412.
Lieutenancy Bills Referred to Department of Defense, First, 330.
Lieutenancy Immediately After Graduation Again Introduced, Bills Authorizing First, 242.
(Listeria) Monocytogenes, Bovine Abortion Associated with Erysipelothrix, 490.
Listeria Monocytogenes from Sheep, Isolation of, 404.
Litter on Control of Salmonella Infections in Chicks, Influence of, 57.
Litters, Statistics on, 365.
Liver Biopsy in Cattle, 489.
Livestock Conservation, Inc., 410.
(Livestock) It Pays to Take It Easy (film), 495.
Livestock, Progress with, 202.
Livestock Sanitary Association Meeting, Oct. 29-31, 1952, Notes from U. S., 98.
Liver Abscesses and Gastritis, 268.
Liver Fluke Problem and Its Control, The, 135.
Local Arrangements, Committee on, 432.
Local Arrangements, Message from the Chairmen, Committee on, 430.
Louse, Haematopinus Eurysternus, Anemia in Cattle Caused by Heavy Infestations of the Blood-Sucking, 373.
Louse Infection, Susceptibility of Animals to, 377.
Louisiana with Aureomycin and Terramycin, The Treatment of Anaplasmosis in, 390.
Lumbar Epidural Anesthesia, 326.
Lymphadenitis of Sheep, Caseous, 257.
Lymphangitis in Horses, 58.
Lymphosarcoma of the Cat, Visceral, 189.

M

McCallam Will Become AVMA Washington Representative, President-Elect, 62.
Magnesium Values of Horse Blood, Calcium, Inorganic Phosphate, and, 404.
Man, Antibiotics in the Treatment of Leptospirosis in, 114.
Man, Complications from Vaccination Against Rabies in, 379.
Man, The Double Epidemiology of Tuberculosis in, 58.
Mange, Demodectic, 326.
Martinique, Foot-and-Mouth Disease (Aftosa) on, 125.
Mast Cell Tumors of Dogs, Cortisone for, 378.
Mastitis Caused by Cryptococcus Neoformans, Pathology of Bovine, 57.
Mastitis Complex, The, 462.
Mastitis, Dihydrostreptomycin for, 184.
Mastitis Research, A Grant for (April), adv. p. 53.
Medullary Extension Splint, Self-Retaining, 361.
Melioidosis in Sheep, 36.
Merck and Sharpe & Dohme, Merger of (May), adv. p. 40.
Mercury Poisoning in Swine, 105.
Metabolism in Sheep, Molybdenum and Copper, 127.
Metamorphosis of Virus and Bacteria, 215.
Methadone, Scopolamine, and Nembutal Anesthesia in 15 Dogs, 289.
"Microbial" Form of Foot-and-Mouth Disease Virus, The, 233.
"Microbial" Form of the Hog Cholera Virus, The, 234.
Microbiological Interferences in Breeding of Cattle, Prevention of, 235.
Microbiology, Annual Review of, 327.
Microscopic Study of the Virus of Rabies, Electron, 489.
Microscopy, Cornell Announces Course in Electron, 411.
Middlesex Graduates Eligible for BAI Positions, 246.
Military Status of Nonveteran Graduates, Selective Service and, 410.
Milk Allergy, 53.
Milk, Effect of Antibiotics in, 494.
Milk, Estrogen Passed Through, 20.
Milk Factor in Bovine Hyperkeratosis, Observations on a, 25.
Milk for Baby Pigs, Synthetic, 166.
Milk for Pigs, Synthetic, 319.
Milk Production, Forage Preservation Affects, 126.
Milk to Streptococcus Agalactiae, Resistance of, 233.
Minerals and Infertility, 93.
Mink, Bovine Tuberculosis in, 39.
Mink, Control of Distemper in, 383.
Mink, Food Poisoning of, 135.
Mistletoe Poisoning, 228.
Missouri, Air Sac Infection in, 188.
Molybdenum and Copper Metabolism in Sheep, 127.
Moniezia Expansa, Trials with Di-Phenthane-70 on the Sheep Tapeworm, 29.
Monstrosity, A Bovine Fetal, 165.
Mortality, Calf, 118.
Mortality from Insecticides, Wildlife, 116.
Mucus for Early Diagnosis of Pregnancy and Endocrine Changes, Cervical, 492.
Mule-Footed Cattle Problem, A, 271.
Mycobacterium Paratuberculosis, Effect of Viomycin and Other Agents on, 324.
Mycobacterium Paratuberculosis, The Effect of Isonicotinic Acid Hydrazide on, 309.

N

Nasal Cavity and Paranasal Sinuses, Pneumonyssus Caninum in the (A Report of Its Occurrence in Eight Dogs), 106.
National Formulary, Changes in Personnel of Subcommittee on Veterinary Items, 64.
National Institute of Animal Agriculture (Indiana), 507.
National Science Foundation, AVMA Receives Grant from, 499.
Nembutal Anesthesia in 15 Dogs, Methadone, Scopolamine, and, 289.
Neomycin Sulfate Treatment of Salmonella Derby Infection in Geese, 386.
Neuromuscular Dysfunctions of the Horse, The Use of a Cholinesterase Inhibitor in, 307.
Newborn, Immunity of the, 365.
Newcastle Disease, Value of Killed Virus Vaccine in Prevention of, 36.
Correction, 314.
Newcastle Disease Virus on the English Sparrow, Effects of, 134.
N-Heterocyclic Compounds and Horse Strongyles, 133.
Ninetieth Annual Meeting of the AVMA:
The AVMA Will Go Toronto in 1953, 61.
Record Attendance Expected—Early Hotel Reservations Advised, 137.
Facts About the 1953 Convention City, 238.
Section Programs Complete for Toronto Meeting, 328.
Convention Entertainment Includes a Ball Game and Tea in a Castle, 407.
Nitrofuran Compounds in the Control of Enterohepatitis (Blackhead) in Turkeys, Preliminary Observations on the Use of Certain, 312.
Nitrogen Compounds in the Rumen, Fate of Some, 405.
Nocardiosis in the Dog, 81.
Noseprinting Cattle, 36.
Notes from the Cornell Nutrition Conference for Feed Manufacturers, Nov. 6-7, 1952, 126.
Notes from U. S. Livestock Sanitary Association Meeting, Oct. 29-31, 1952, 98.
(Nutritional Deficiency, Symptomatology Contrasts with Hog Cholera and) Teschen Disease (film), 495.
Nutrition Conference for Feed Manufacturers, Nov. 6-7, 1952, Notes from the Cornell, 126.
Nutrition Discoveries, Swine, 52.
Nutrition to Sterility in Dairy Cattle, Field Observations on the Relation of, 126.
Nutritive Value of Teosinte, 229.

O

Occupations, Preliminary Census Findings on Health, 356.
Ocular Diseases of Animals, Beta Ray Therapy in, 172.
Officers, AVMA, 426.
Official Call, The 1953 Session, 428.
Ohio, Anthrax in (film), 60.
Ohio, Strongyloides Stercoralis from a Dog in, 211.
Opening Session, 441.
Orchitis and Varicocele of an Undescended Testicle, 310.
Osteoarthropathy in the Dog, Chronic Pulmonary, 167.
Otorrhea in Dogs Caused by Pseudomonas Aeruginosa, 35.
Ova, Aerial Transport of Fertilized, 235.
Ovulation of Heifers, Effect of Progesterone on Time of, 293.
Ovum Transplantation in Cattle, Superovulation and, 236.

P

Pain, Treatment of Chronic, 93.
Pancreatitis, Canine Atrophic, 119.
Papillomatosis (Warts) of Cattle, Observations on the Epizootiology of Cutaneous, 393.
Paralysis and Poliomyelitis, Fowl, 467.
Paranasal Sinuses, Pneumonyssus Caninum in the Nasal Cavity and (A Report of Its Occurrence in Eight Dogs), 106.
Parasites Fatal to Nursing Ewes, 372.

Parasitic Bronchitis in Cattle, 85.
Parasitology, Veterinary, 60.
Paratuberculosis, Effect of Viomycin and Other Agents on Mycobacterium, 324.
Paratuberculosis, Filterable Virus in, 234.
Pasteurella Strain Isolated from Swine, New, 235.
Pasture Problems, Australian, 485.
Pastures Disappointing, Irrigated, 228.
Pathology and Its Relation to Veterinary Medicine, The Armed Forces Institute of, 269.
Pathology Laboratory, The Building Program of the California State Animal, 11.
Pathology of Animal Reproduction and Artificial Insemination, Physiology and, 235.
Pathology of Bovine Mastitis Caused by Cryptococcus Neoformans, 57.
Pathology, Veterinary Clinical, 326.
Pellets, Antibiotic Pig, 400.
Penicillin Ammonium, Oral Use of, 105.
Penicillin, Benzethacil—A New, 41.
Penicillin Blood Levels Obtained with Parenteral Benzethacil, Canine, 324.
Pension Plan Legislation for Individuals Reintroduced, Voluntary, 412.
Pentachlorophenol Not Poisonous, 293.
Pentobarbital, Anesthesia with Sodium, 325.
Petition for Meeting on Animal Disease Situation, 38.
Pharmacodynamics of Curare in the Horse, 490.
Pharmacology of Anesthetic Drugs, The, 327.
Pharmacology, Progress in, 230.
Pheasants, Psittacosis from, 233.
Phlebitis, Generalized Bovine Arteritis and, 197.
Phosphate, and Magnesium Values of Horse Blood, Calcium, Inorganic, 404.
Phosphorus Affects Gains, 400.
Phosphorus Poisoning, Cortisone in, 175.
Phosphorus, The Developing Chicken Embryo and Radioactive, 489.
Photosensitization, 128.
Photosensitization in Diseases of Domestic Animals, 59.
Physiological Studies of Eructation in Ruminants, 220.
Physiology and Pathology of Animal Reproduction and Artificial Insemination, 235.
Physiology of Cattle, Sex, 235.
Pig Brooding on Trial (illus.), 164.
Pig Hatcheries, 164.
Pig Pellets, Antibiotic, 400.
Pigs, Atrophic Rhinitis in, 4.
Pigs, New Hematonic for Baby, 319.
Pigs, Synthetic Milk for, 319.
Pigs, Synthetic Milk for Baby, 166.
Pig, Virus Pneumonia of the, 467.
Plague, The White, 237.
Plant Vitamins and Environment, 52.
Plasma and Bovine Spermatozoa, Fresh Seminal, 236.
Pleuropneumonia in Assam (India), 422.
Pleuropneumonia of Goats, 58.
Plum Island, Dr. Shahan Named Director of Research Laboratory at, 247.
Pneumonia in a Cat, Verminous, 382.
Pneumonia in Dogs, Roentgenographic Diagnosis of, 493.
Pneumonia of the Pig, Virus, 467.
Pneumonyssus Caninum in the Nasal Cavity and Paranasal Sinuses (A Report of Its Occurrence in Eight Dogs), 106.
Point Four Assignment, Serum and Vaccine Specialist Wanted for, 232.
Poisoned Cattle, TESOM-, 229.
Poison Hazards of the Hungry, 486.
Poisoning, Cortisone in Phosphorus, 175.
Poisoning, Folic Acid for Lead, 114.
Poisoning in Sheep, Trichloroethylene Soybean Meal, 380.
Poisoning, Mistletoe, 228.
Poisoning in Swine, Mercury, 105.
Poisoning of Mink, Food, 135.
Poisoning of Sheep, Guajillo, 223.
Poisoning, Urinary Porphyrin in Lead, 128.
Poisonous, Pentachlorophenol Not, 293.
Polio Experiment, Report on, 85.
Poliomyelitis, Fowl Paralysis and, 467.
Poliomyelitis Incubation Period, 28.
Polycin in a Small Animal Practice, Clinical Experience with, 185.
Pony, Enterotomy in a, 293.
Porphyrin in Lead Poisoning, Urinary, 128.
Potato Plants, Solanin Influence in Cattle and Sheep Fed, 493.
Poultry Industries Merge, 249.
Pregnancy and Endocrine Changes, Cervical Mucus for Early Diagnosis of, 492.
Pregnancy in the Cow, Corpus Luteum Ablation and Progesterone Replacement Therapy During, 324.
Pregnant Ewes, Glycerol for Toxemia in, 165.
Preputial Samples for Diagnosis of Trichomoniasis in Bulls, 325.
President Boyd, A Message from (The Toronto Meeting), 425.
"Proceedings Book" Will Be Late, The 1952, 56.
Progesterone for Prolapse of the Vagina, 365.
Progesterone on Time of Ovulation of Heifers, Effect of, 293.
Progesterone Replacement Therapy During Pregnancy in the Cow, Corpus Luteum Ablation and, 324.
Program for Toronto Session, 442.
Programs Complete for Toronto Meeting, Section, 328.
Prolapsed Rectum in a Dog, 293.
Prolapse of the Vagina, Progesterone for, 365.
Pseudomonas Aeruginosa, Otorrhea in Dogs Caused by, 35.
Pseudohermaphrodite Dog, A, 24.
Pseudorabies Virus (Aujeszky Strain) in the Rhesus Monkey, 325.
Pseudorabies Virus (Aujeszky Strain), Morphological Observations, 134.
Pseudotuberculosis Infection in a Horse, Corynebacterium, 387.
Psittacosis, Death from, 314.
Psittacosis from Pheasants, 233.
Psittacosis in Ducks (England), 422.
Public Health, The Veterinarian in, 353.
Public Health, Veterinarians Participate in First Inter-American Congress of, 332.
Public Health, Virus Diseases in, 265.
Public Relations Program for 1953, The Associated Serum Producers', 51.
Public Relations Theme of Third Annual Preconvention Conference, 440.
Pullorum Disease, Serological, Cultural, and Antigenic Aspects of, 135.
Pulmonary Osteoarthropathy in the Dog, Chronic, 167.
Pup, Schlatter's Disease in a, 275.
Pyometra in Dogs, Follicular Cysts, Hyperestrogenism, and the Pathogenesis of, 493.

Q

Q Fever Among Dairy Cattle, Transmission of, 134.
Quaternaries Versus Hypochlorites, 386.

R

Rabies Can Be Controlled (film), 60.
Rabies, Diagnosis of, 379.
Rabies, Electron Microscopic Study of the Virus of, 489.
Rabies Eradication, Effective, 379.
Rabies in Canada, 337.
Rabies in Illinois, 379.
Rabies in Iowa, 474.
Rabies in Man, Complications from Vaccination Against, 379.
Rabies in St. Louis, 311.
Rabies, Pathogenesis of, 311.
Rabies Vaccination, Canine, 379.
Rabies Vaccination, Compulsory, 379.
Raccoon, The, 236.
Radioactive Phosphorus, The Developing Chicken Embryo and, 489.
(Radio) Dinner Bell Program Features Interviews with Veterinarians, 501.
Ralston Purina Company Research Fellowship Award, The, 139.
Ralston Purina Research Fellowships, 498.
Rats, Bracken Poisoning in, 36.
Rectum in a Dog, Prolapsed, 293.
Red Squill, Toxicity of, 265.
Regional Program a Boon for Veterinary Education, Southern, 401.
Reproduction and Artificial Insemination, Physiology and Pathology of Animal, 235.
Research, A Grant for Mastitis (April), adv. p. 53.
Research Council—Our Strong, Silent Partner, The, 129.
Research Fellowship Award, The Ralston Purina Company, 139.
Research Fellowships, Ralston Purina, 498.
Research Fund Campaign, Progress of the 1952, 63.
Research Fund Continues to Grow, AVMA, 331.
Research Funds Encouraging, Outlook for, 498.
Research Fund-Raising Campaign Shows 63 Per Cent Gain in Seven Weeks, Second Report on AVMA, 140.
Research, $1,000 for, 184.
Research Organization Established, Horse (Ky.), 338.
Reticulitis, Traumatic, 290.
Rhesus Monkey, Pseudorabies Virus (Aujeszky Strain) in the, 325.
Rhinitis, Atrophic, 98, 118.
Rhinitis, Atrophic, I. A Herd Survey, 1.
Rhinitis, Atrophic, II. The Rhinoscopic Examination of Swine as a Means of Diagnosing Atrophic Rhinitis, 5.

Rhinitis, Atrophic. III. The Evaluation of the Rhinoscopic Examination for Its Diagnosis. 7.
Rhinitis in Pigs, Atrophic. 4.
Rhinitis of Swine, The Role of Trichomonads in Atrophic. 151.
Rhinoscopic Examination for Its Diagnosis, Atrophic Rhinitis. III. The Evaluation of the. 7.
Rhinoscopic Examination of Swine as a Means of Diagnosing Atrophic Rhinitis, Atrophic Rhinitis. II. The. 5.
Rhipicephalus Sanguineus on Naturally Infected Dogs, The Isolation of Coxiella Burnetii from. 117.
Rinderpest Virus in Sheep. 184.
Ringworm Control in Russia. 234.
Ringworm in Cats. 234.
Roentgenographic Diagnosis of Pneumonia in Dogs. 493.
Rotenone Best for Cattle Grubs. 389.
Rumen Digestion, Antibiotics and. 400.
Rumen, Fate of Some Nitrogen Compounds in the. 405.
Rumen Pouch, An Isolated. 490.
Ruminal Fistulas, A Flap Operation for Small. 404.
Ruminants, Froth Formation and Acute Bloat in. 324.
Ruminants, Physiological Studies of Eructation in. 220.
Ruminants, The Continuing Quest for the Cause of Bloat in. 345.
Rupture, Intrapartum Uterine. 484.
Rupture of an Aortic Valve. 39.
Russia, Ringworm Control in. 234.

S

St. Louis, Rabies in. 311.
Salmonella California Infection in Turkeys, Terramycin in the Treatment of. 306.
Salmonella Derby Infection in Geese, Neomycin Sulfate Treatment of. 386.
Salmonella Infections in Chicks, Influence of Litter on Control of. 57.
Santa Gertrudis Sales Record. 93.
Salt, Where to Put the. 319.
Scandinavia, Disease Control in. 357.
Scandinavian Veterinary Meeting, Inter-. 494.
Schlatter's Disease in a Pup. 275.
Science Foundation, AVMA Receives Grant from National. 499.
Scopolamine, and Nembutal Anesthesia in 15 Dogs, Methadone. 289.
Scrapie (film). 495.
Scrapie Denied in Australia. 318.
Scrapie Reported in Three States. 323.
Section Programs. 442.
Section Programs Complete for Toronto Meeting. 328.
Selective Service and Military Status of Nonveteran Graduates. 410.
Semen, Deep-Freeze Storage of. 24.
Semen, Deep-Freezing of. 404.
Semen Study of Goats, A. 133.
Seminal Plasma and Bovine Spermatozoa, Fresh. 236.
Sex Physiology of Cattle. 235.
Sexes, Ratio of. 365.
Shahan Named Director of Research Laboratory at Plum Island, Dr.. 247.
Sharpe & Dohme, Merger of Merck and (May), adv. p. 40.
Sheep and Calves, Tetanus in. 166.
Sheep and Goats with Dictyocaulus Filaria, Experimental Infection of. 134.
Sheep, An Operation to Control Blowfly Strike in. 483.
Sheep Blood for Laboratory Use. 226.
Sheep, Caseous Lymphadenitis of. 257.
Sheep, Cobalt Deficiency in. 229.
Sheep Disease, Dr. Alexander to Study. 505.
Sheep Diseases, Two New. 184.
Sheep Fed Potato Plants, Solanin Influence in Cattle and. 493.
Sheep, Guajillo Poisoning of. 223.
Sheep Hybrids, No Goat-. 93.
Sheep in California, A Preliminary Report on the Isolation and Identification of the Bluetongue Virus from. 300.
Sheep, Infectious Enterotoxemia in. 57.
Sheep, Isolation of Listeria Monocytogenes from. 404.
Sheep, Life History of Eimeria Arloingi in. 490.
Sheep, Melioidosis in. 36.
Sheep, Molybdenum and Copper Metabolism in. 127.
Sheep, Rinderpest Virus in. 184.
Sheep Tapeworm, Moniezia Expansa, Trials with Di-Phenthane-70 on the. 29.
Sheep, Trichloroethylene Soybean Meal Poisoning in. 380.
Sinuses, Pneumonyssus Caninum in the Nasal Cavity and Paranasal (A Report of Its Occurrence in Eight Dogs), 106.
Sinusitis and Air Sac Disease, Antibiotics for Turkey. 188.
Skin-Mattress Suture, A Modified. 481.
Sodium Pentobarbital, Anesthesia with. 325.
Sodium Deficiency in Cows. 228.
Solanin Influence in Cattle and Sheep Fed Potato Plants. 493.
Soviet Virology. 327.
Sows, Postpartum Estrus in. 166.
Soybean Meal Poisoning in Sheep, Trichloroethylene. 380.
Soybean Oil Meal, Feed Toxicity Similar to that Caused by Trichloroethylene-Extracted. 377.
Soybean Oil Meal, Observations on the Bovine Hemorrhagic Disease Caused by Trichloroethylene-Processed. 103.
Sparrow, Effects of Newcastle Disease Virus on the English. 134.
Spermatozoa, Fresh Seminal Plasma and Bovine. 236.
Spleen of the Camel Compared with Other Domesticated Animals and Its Microscopic Examination, The. 182.
Splenectomy, Indications for. 92.
Splenectomy of Bovine Animals, The Technique Employed in. 94.
Splint, Self-Retaining Medullary Extension. 361.
Sporadic Bovine Encephalomyelitis. 294.
Squill, Toxicity of Red. 265.
Steer, Cheilopalatoschisis of a Brahman. 39.
Steers, Collecting Urine from. 489.
Steers, Water Consumption and the Development of Urinary Calculi in. 489.
Sterility, First World Congress on Fertility and. 502.
Sterility in Cattle with the Hormone, ECP®, The Treatment of Certain Types of. 287.
Sterility in Dairy Cattle, Field Observations on the Relation of Nutrition to. 126.
Sterility in Heifers Born Twins with Bulls. 160.
Sterility to Be Held in New York, World Conference on Fertility and. 141.
Stifle Joint in Dogs, Injuries to the. 275.
Stockholm Congress, Time Growing Short for Making Tour Reservations to. 411.
Streptococcus Agalactiae, Resistance of Milk to. 233.
Strongyles, N-Heterocyclic Compounds and Horse. 133.
Strongyloides Stercoralis from a Dog in Ohio. 211.
(Sulfisoxazole) A New Sulfonamide for Veterinary Use. 468.
Sulfisoxazole—Some Aspects of Its Pharmacology in Dairy Cattle. 315.
Sulfonamide for Veterinary Use, A New. 468.
Sulfonamides, In Vitro Testing of. 404.
Superovulation and Ovum Transplantation in Cattle. 236.
Surgery, Canine. 494.
Surgery for Intestinal Volvulus. 17.
Surital Sodium in Dogs, Dosage Studies of. 161.
Suture, A Modified Skin-Mattress. 481.
Sutures, Removal of. 484.
Sweden, An Influenza-like Disease of Swine in. 492.
Swine—A Study of Immunity, Transmissible Gastroenteritis of. 200.
Swine, BHC Internally for Lice in. 389.
Swine Erysipelas Vaccination. 53.
Swine in Relation to Hog Cholera, Encephalitis in. 382.
Swine in Sweden, An Influenza-like Disease of. 492.
Swine, Mercury Poisoning in. 105.
Swine, New Pasteurella Strain Isolated from. 235.
Swine Nutrition Discoveries. 52.
Swine, The Role of Trichomonads in Atrophic Rhinitis of. 151.
Swine, Vitamin A Source for. 53.
Switzerland, Leptospirosis in. 171.
Synthetic Estrogens and Hormonal Castration. 493.
Synthetic Estrogens in Veterinary Medicine. 57.
Synthetic Milk for Baby Pigs. 166.
Synthetic Milk for Pigs. 319.

T

Tapeworm, Activity of Certain Drugs Against the Fringed. 216.
Tapeworm, Moniezia Expansa, Trials with Di-Phenthane-70 on the Sheep. 29.
Tendon Repair in Cats. 484.
Tendons in a Cow, Severed Flexor. 484.
Teosinte, Nutritive Value of. 229.
Terramycin in Large Animal Medicine. 176.
Terramycin in the Treatment of Salmonella California Infection in Turkeys. 306.
Terramycin Therapy, Anthrax—Response to. 305.
Terramycin, The Treatment of Anaplasmosis in Louisiana with Aureomycin and. 390.
Teschen Disease (Symptomatology Contrasts with Hog Cholera and Nutritional Deficiency) (film). 495.

TESOM-Poisoned Cattle, 229.
Testicle, Orchitis and Varicocele of an Undescended, 310.
Testis, Actinomycosis of a Bovine, 49.
Tetanus in Sheep and Calves, 166.
Therapeutics, Introduction to Veterinary, 60.
Tick Fever in Cattle of Virgin Islands, 246.
Titers of Brucellosis (Abortus) in Cows, The Use of Dead Strain 19 Vaccine to Differentiate Vaccinal from Infection, 302.
Toluene Against Ascarids and Bots in Horses, 404.
Tongue, A Disease of Turkeys Characterized by Deformity of the, 207.
(Toronto) Facts About the 1953 Convention City, 238.
Toronto Ideal for Vacation, 438.
Toronto Meeting, Section Programs Complete for, 328.
Toronto Meeting, The (A Message from President Boyd), 425.
Toxemia in Pregnant Ewes, Glycerol for, 165.
Toxicology of Insecticides, 389.
Toxicity of Insecticides on Hay, 389.
Toxicity of Red Squill, 265.
Toxicity Similar to that Caused by Trichloroethylene-Extracted Soybean Oil Meal, Feed, 377.
Trauma, Foreign Body, 215.
Traumatic Reticulitis, 290.
Trichinosis Conference, 248.
Trichloroethylene-Extracted Soybean Oil Meal, Feed Toxicity Similar to that Caused by, 377.
Trichloroethylene-Processed Soybean Oil Meal, Observations on the Bovine Hemorrhagic Disease Caused by, 103.
Trichloroethylene Soybean Meal Poisoning in Sheep, 380.
Trichomonads, in Atrophic Rhinitis of Swine, The Role of, 151.
Trichomonas Foetus-Infected Bull in Artificial Insemination, The, 366.
Trichomoniasis in Bulls, Preputial Samples for Diagnosis of, 325.
Trypanosoma Equiperdum in Austria, 4.
Tuberculin and Fascioliasis, 58.
Tuberculosis, A Forty-Year Campaign Against, 236.
Tuberculosis, Antibiotics for, 39.
Tuberculosis in Man, The Double Epidemiology of, 58.
Tuberculosis in Mink, Bovine, 39.
Tuberculosis in the Cat, 470.
Tumors in Cattle, Multiple, 57.
Tumors of Dogs, Cortisone for Mast Cell, 378.
Turkeys and Ducks, Prevention of Enlarged Hock Disease in, 126.
Turkeys, Artificial Breeding in, 293.
Turkeys Characterized by Deformity of the Tongue, A Disease of, 207.
Turkeys, Chemotherapy of Enterohepatitis of, 324.
Turkeys, Preliminary Observations on the Use of Certain Nitrofuran Compounds in the Control of Enterohepatitis (Blackhead) in, 312.
Turkey Sinusitis and Air Sac Disease, Antibiotics for, 188.
Turkeys, Terramycin in the Treatment of Salmonella California Infection in, 306.
Twin Calves for Experiments, More, 323.
Twins with Bulls, Sterility in Heifers Born, 160.

U

Umbilical Hernia in a Cow, A Patent Urachus and, 370.
Umbilical Ligation, Delayed, 93.
Urachus and Umbilical Hernia in a Cow, A Patent, 370.
Urea—Feed with Care, 319.
Urinary Calculi in Lambs, 400.
Urinary Calculi in Steers, Water Consumption and the Development of, 489.
Urinary Porphyrin in Lead Poisoning, 128.
Urine from Steers, Collecting, 489.
Uterine Insemination, Cervical vs., 24.
Uterine Rupture, Intrapartum, 484.

V

Vaccinating Conundrum Again, That Cholera, 320.
Vaccination Against Rabies in Man, Complications from, 379.
Vaccination, Canine Rabies, 379.
Vaccination, Compulsory Rabies, 379.
Vaccination, Johne's Disease, 265.
Vaccination, Swine Erysipelas, 53.
Vaccination with Brucella Abortus Strain 19, Intracaudal, 181.
Vaccine and Hog Cholera Antiserum, Simultaneous Vaccination with Modified Live Hog Cholera, 397.
Vaccine, Coccidiosis, 40.
Vaccine, Influence of Aluminum Hydroxide on Immunity Produced by Foot-and-Mouth Disease, 135.
Vaccine in Prevention of Newcastle Disease, Value of Killed Virus, 36.
Correction, 314.
Vaccine Specialist Wanted for Point Four Assignment, Serum and, 232.
Vaccine to Differentiate Vaccinal from Infection Titers of Brucellosis (Abortus) in Cows, The Use of Dead Strain 19, 302.
Vaccines, Experiences with Hog Cholera, 98.
Vagina, Progesterone for Prolapse of the, 365.
Varicocele of an Undescended Testicle, Orchitis and, 310.
Verminous Bronchitis in Cattle, 181.
Verminous Pneumonia in a Cat, 382.
Vesicular Exanthema Control Program (Map), 478.
Vesicular Exanthema Controls to Be Stepped Up, 322.
Vesicular Exanthema Program, Dr. Clarkson Heads, 412.
Vesicular Exanthema Score, 13.
Vesicular Exanthema, The Score on, 157.
Vestibular Apparatus in the Dog, Dramamine and the, 325.
Veterinarian of the Year, Dr. Riser Chosen, 333.
Veterinary Clinical Pathology, 326.
Veterinary Items, National Formulary, Changes in Personnel of Subcommittee on, 64.
Veterinary Medical Profession in the Americas, The—, Its Size and Distribution, 266.
Veterinary School, Sidetrack (Indiana), 507.
Viomycin and Other Agents on Mycobacterium Paratuberculosis, Effect of, 324.
Virgin Islands, Tick Fever in Cattle of, 246.
Virology, Soviet, 327.
Virus and Bacteria, Metamorphosis of, 215.
Virus (Aujeszky Strain) in the Rhesus Monkey, Pseudorabies, 325.
Virus Diseases in Public Health, 265.
Virus from Sheep in California, A Preliminary Report on the Isolation and Identification of the Bluetongue, 300.
Virus, Infectious Hepatitis, 199.
Virus in Paratuberculosis, Filterable, 234.
Virus in Sheep, Rinderpest, 184.
Virus of Rabies, Electron Microscopic Study of the, 489.
Virus on the English Sparrow, Effects of Newcastle Disease, 134.
Virus Pneumonia of the Pig, 467.
Virus, The "Microbial" Form of Foot-and-Mouth Disease, 233.
Virus, The "Microbial" Form of the Hog Cholera, 234.
Virus to Combat Bronchitis in Chickens, 210.
Virus Vaccine in Prevention of Newcastle Disease, Value of Killed, 36.
Correction, 314.
Visceral Lymphosarcoma of the Cat, 189.
Vitamin A and Hyperkeratosis, 485.
Vitamin A Source for Swine, 53.
Vitamin B_{12} for Children, 53.
Vitamins and Environment, Plant, 52.
Vocal Cords of Fowl, Removing the, 14.
Volvulus, Surgery for Intestinal, 17.

W

Wages, Farmers' Hourly, 202.
(Warts) of Cattle, Observations on the Epizootiology of Cutaneous Papillomatosis, 393.
Washington, News from, 242, 330, 412, 497.
Washington Office Established, 330.
Washington Representative, President-Elect McCallam Will Become, 62.
Water Consumption and the Development of Urinary Calculi in Steers, 489.
Wildlife Mortality from Insecticides, 116.
Wisconsin, Hyperkeratosis in, 28.
Wisconsin, Leptospirosis in, 222.
Women's Activities, 434.
Women's Activities, Message from the Chairman of the Committee on, 435.
Women's Auxiliary, 64, 142, 243, 334, 415, 504.
Women's Auxiliary, Message from the President of the, 438.
Women's Auxiliary Officers, 438.
Women's Program, 437.
Wound Healing, Amino Acids and, 483.

X

X-Ray Injuries in a Veterinary Practice (illus.), 13.
X-Ray Tubes Announced, New (May), adv. p. 63.

Z

Zoology, Aids to, 326.
Zoonoses, The, 488.

JOURNAL

of the

American Veterinary Medical Association

VOLUME 123

NOS. 916-921 JULY-DECEMBER, 1953

Published by

AMERICAN VETERINARY MEDICAL ASSOCIATION

600 S. MICHIGAN AVE., CHICAGO, ILL.

Contents Copyright 1953 by American Veterinary Medical Association

Index of Names

Authors

Appleby, A., 98.
Aranes, Jose B., 315.

Bankowski, R. A., 115.
Barchfeld, William P., 39, 103.
Barner, Ralph D., 434.
Barto, P. B., 410.
Batte, Edward G., 111.
Benjamin, Maxine M., 209.
Benson, D. V., 395.
Bishop, E. J., 187.
Biswal, G., 410.
Boughton, I. B., 132.
Boyd, W. L., 181.
Brenon, H. C., 310.
Brodey, R. S., 391.
Burton, Althea N., 221.
Butler, J. Miles, 235.

Carter, R. H., 448.
Case, A. A., 395.
Chamberlain, D. M., 87.
Chamberlain, K. W., 87.
Chin, Wing Q., 9.
Christian, Arthur B., 130.
Coffin, David L., 402.
Cole, C. R., 87.
Creamer, Alan A., 341.
Cross, R. F., 535.

Delahanty, D. D., 31.
Dickson, W. M., 522.
Dlugach, Joseph, 118.
Dutka, S., 98.

Easterbrooks, H. L., 516.
Eaton, H. D., 240.
Edgar, S. A., 446.
Edgington, B. H., 121.
Eidson, M. E., 34.
Eisenstark, A., 409.
Ely, Ray E., 448.
Enzie, F. D., 237.
Erdheim, M., 450.
Evans, Samuel, 225.
Eveleth, D. F., 38.

Farrell, R. L., 87.
Ferrin, E. F., 217.
Firch, Gladys, 383, 526.
Fisher, L. E., 220.
Fulton, J. S., 221.

Gibbens, R., 31.
Gillespie, R. W., 322.
Gleiser, Chester A., 441.
Gobba, A. H., 299.
Goldsby, Alice I., 38.
Graham, W. R., 198.
Grogan, Joseph W., 234.
Grundmann, A. W., 235.

Hardy, W. T., 132, 195.
Harris, J. R., 297.
Helmboldt, C. F., 240.
Henderson, Alfred R., 292.
Henderson, Wilson, 213.
Henny, George C., 343.
Herndon, J. F., 446.
Hoerlein, B. F., 311.
Holm, L. W., 383, 526.
Hyder, Nelta, 297.

Ingram, James T., 193.

Jacalne, Antonio V., 315.
Jasmin, A. M., 3.
Jennings, Wm. E., 92.
Johnson, S. D., 332.
Jones, R. K., 213.
Jungherr, E. L., 240.

Kainer, R. A., 522.
Kanawyer, W. L., 409.
Kenzy, S. G., 322.
Kernkamp, Howard C. H., 208, 217, 320.
King, N. B., 121.
Kintner, Loren D., 395.
Kissling, R. E., 34.
Kitselman C. H., 28.
Knowles, A. T., 508.
Knowles, Jack O., 508.
Knowles, Robert P., 508.
Kulp, H. W., 330.

Larson, Lester L., 18.
Leighton, Robert L., 437.
Link, R. P., 427.
Little, C. D., 446.
Lukes, Jan, 214.

McDonnough, L. T., 348.
McGrath, J. T., 391.
Mann, H. D., 448.
Marsh, H., 205.
Marshak, Robert R., 125.
Martin, J. E., 391.
Millar, J. L., 221.
Miller, William S., 111.
Milne, F. J., 105, 520.
Moist, Kenneth F., 320.
Monroe, Robert A., 328.
Moore, L. A., 240, 448.
Morrill, C. C., 410.
Morrison, R. H., 535.
Moulton, J. E., 335.
Munson, Todd O., 402.
Murphy, Clifton N., 397.

Nagao, W. T., 535.
Neserke, E. Irvin, 42.
Newell, R. R., 389.

Olouta, M. M., 399.
Olsen, O. Wilford, 533.
Olson, Carl, 419.

Palionis, Tadas, 419.
Pallister, Eric F., 397.
Pierson, Robert E., 193.
Plastridge, W. N., 516.
Poitevint, C. H., 4.
Price, D. A., 132, 195, 400.

Ramos-Saco, Teodoro, 415.
Reda, H., 399.
Reinhard, Karl R., 487.
Rhoades, H. E., 410.
Riley, William F., Jr., 434.
Rhode, E. A., 335, 383, 526.
Ringen, Leif M., 322.
Ripps, Jerome H., 119, 292.
Roberts, Irwin H., 227.
Roberts, S. J., 204.
Rogoff, Wm. M., 227.
Rust, John H., 328.

Sanger, V. L., 87.
Sautter, J. H., 49.
Scheidy, S. F., 330, 341.
Schoening, H. W., 301.
Segard, Christian P., 130.
Selin, Merle J., 235.
Shuman, R. D., 301, 304, 307, 431.
Skelley, J. F., 330.
Splitter, E. J., 409.
Spurrell, Francis A., 49.
Stauffer, V. D., 1.
Stoyak, Joseph M., 437.
Strozzi, Pietro, 415.
Switzer, William P., 45.

Talmage, Roy V., 328.
Tierkel, E. S., 34.
Todd, F. A., 323.
Trum, Bernard F., 328.
Tucker, E. W., 332.

Underwood, P. C., 448.

Venzke, W. G., 121.

Wheat, J. D., 335, 383, 526.
Whitehead, John E., 232.
Whitmore, G. E., 237.
Williams, L. F., 516.
Wilcox, P. W., 341.
Winterfield, Roland W., 136.
Woelffer, E. A., 505.
Wood, Margaret, 115.

Personals

Anderson, Robert J., 171.
Armistead, W. W., 252.

Ballantyne, John H., 265.
Bergman, H. D., 557.
Bierring, Walter L., 479.
Blake, W. P., 480.
Bott, Mrs. A. E., 63, 556.
Boughton, I. B., 177.
Boyd, W. L., 265.
Button, Forrest E., 555.

Caldwell, George L., 371.
Carpenter, Mrs. Cliff D., 369.
Carraway, B. L., 559.
Chute, Harold L., 251.
Clark, Herbert C., 280.
Cline, Garth, 370.

Duckworth, Charles U., 263.
Dukes, Henry Hugh, 175, 371.

Eads, F. E., (Nov., 1953, Adv. p. 44).
Einoris, A. S., 173.
Evans, Edward B., 560.

Fairall, L. R., 479.
Figueroa, Juan, I., 178, 561.

George, John L., 79.
Gillie, George W., 279.
Good, G. H., 266.
Gorman, Harry, A., 555.
Gross, Joanne, 78.

Hart, George H., 278.
Hickcox, John P., 65.
Higginbotham, Thomas, 370.
Hutchings, L. M., 251.

Kester, Wayne O., 180, 372, 555.
Kingman, H. E., Sr., 561.
Kingman, Harry E. Jr., 351.

Laitinen, Edwin, 280.
LeJeune, John E., Jr., 484.

Magrane, H. J., 173.
Melancon, J. I., 370.
Merillat, L. A., 493.
Meyer, K. F., 476.
Miller, Robert R., 484.
Mohri, Ralph W., 372.

Nicholson, Martin, 279.

Orr, Harry W., 254.

Patterson, J. W., 370.
Plastridge, Wayne N., 263.
Pounds, Willard, 370.

Quin, A. H., 79, 281.

Rake, G. W., 560.
Rosenberger, Arthur C., 476.
Rosner, Leonard, 174.

Scheidy, S. F., 251.
Schroeder, C. R., 480, 559.
Scott, Gordon Ramsey, 266.
Smith, Stanley, 480.
Starnes, Mervyn B., 84.
Stauffer, V. D., 555.
Stevenson, Daniel S., 269.
Sutton, Harry, W., 81.

Thomas, James N., 370.

Van Es, Leunis, 278.
Van Houweling, C. D., 352, 556.

Wagener, Kurt, 483.
Wentworth, W. A., 481.
Wilcox, Howard, 370.

Deaths

Anderson, Joseph L. S., 559, 562.
Antles, Floyd H., 85.
Audinwood, Harry G., 269.

Bain, Alexander Francis, 481, 486.
Barnes, Clarence L., 562.
Belmar, Harry B., 562.
Bettinger, Edward F., 269.
Blenkinsop, L. J., 85.
Boddy, Allan J., 486.
Boesewetter, Arthur, 85.
Bollinger, Alfred F., 85.
Bowen, Beck B., 562.
Brown, James C., 269.
Bushong, Jesse W., 562.

Cameron, Bertram N., 85.
Campbell, Algie E., 486.
Casserly, Timothy L., 85.
Cook, Robert W., 486.
Curtis, Bradford D., 373.

Davidson, William A., 562.
Davie, Leon C., 269.
Davis, Frederick E., 269.
Dimock, William W., 353, 373.
Durrant, Marvin J., 562.

Eberle, William H., 486.
Eno, Charles R., 85.

Fitzwater, Frank W., 270.
Fladness, Severin O., 75, 85.
Fritchen, Frederick J., 85.

Gerety, Joseph P., 562.
Gillmann, John H., 85.
Gogerty, John D., 270.
Groome, Herbert R., 270.

Hanna, Homer L., 85.
Hayes, Samuel E., 373.
Hinds, Harry, 486.
Hobbs, Charles W., 180.
Hollister, Alexander V., 373.
Holt, Alfred L., 270.
Homiller, John P., 562.
Hook, Charles N., 85.
Hoskins, Cheston M., 562.
Howatt, William D., 373.
Hoyt, Floyd E., 270.
Hunt, Clarence E., 180.
Hunter, Earl R., 486.
Huston, Orion B., 562.
Hylton, Floyd D., 85.

Ives, Eugene H., 85.

Jervis, James G., 76, 85.
Johnson, Leslie E., 486.
Johnston, Lee R., 85.

Kent, Martin F., 486.
Klein, Louis A., 143, 180.
Knapp, John W., 562.

LaFrance, William J., 562.
Laird, G. W., 85.
Larsen, Berton T., 373.
Lawrence, Howard L., 85.
Leonard, Harry B., 86.
Lindsay, Thomas B., 373.
Liner, Nelson R., 86, 270.
List, Theo. S., 270.
Lowenberg, Robert I., 270.

McCartney, Robert A., 270.
McCosh, Newton A., 562.
McGrew, Harlow H., 270.
McKim, Orville E., 175, 180.
McLean, John E., 86.
McRoberts, Hilton L., 270.
Marney, Floyd L., 86.
Martin, W. Walter, 86.
Menary, A. R., 478, 486.
Metsker, Louis, 270.
Miller, Harold K., 86.
Miller, Roy F., 373.
Mock, William, 373.
Moskey, H. E., 476, 486.

Nelms, Emery E., 86.
Newman, W. P., 270.
Norton, Vernon P., 373.

Okuyama, Sobey, 373.
Old, Claude T., 270.
Oldham, Clyde C., Jr., 562.

Pace, Guy E., 86.
Patterson, Eldon D., 270.
Patton, Lester E., 270.
Peck, Marlain A., 86.
Perry, Milton T., 270.

Rathbun, Charles F., 86.
Reiber, John C., 86.
Robb, James F., 270.
Robertson, Lloyd S., 373.
Rogers, Burton R., 86.
Rutherford, Frederick W., 270.

Sands, Harry G., 373.
Sauer, Charles W., 486.
Savoie, Jean, 270.
Schloemer, Charles E., 180.
Schneider, C. P., 86.
Seitz, Elmer E., 270.
Severn, Warren E., 86.
Shoaff, Walter P., 180.
Shoemaker, John Harvey, 176, 180.
Shorey, James L., 270.
Skarstad, N. A., 86.
Smith, Clarence E., 270.
Snow, Dalton C., 270.
Strothman, William G., 86.
Swail, Clark E., Jr., 180.

Tackwell, Cleon O., 562.
Talbert, Mellis G., 486.
Thompson, Henry N., 78, 86.
Till, William A., 86.
Tillman, O. W., 86.
Titterud, Oscar H., 370, 373.
Tobias, David D., 562.
Tumin, Arnold G., 270.

Upton, John R., 86.

Von Rosenberg, Hilton O., 370, 373.

Wahn, Arthur J., 86.
Watson, Harold L., 86.
Watt, John W., 486.
Wende, Bernhard P., 371, 373.
Williams, Harry W., 562.
Williams, Milton H., 270.
Willis, James W., 270.
Winhard, Dell E., 373.
Witt, Raymond F., 79, 86.
Wood, Loyd N., 270.
Woolf, Frank P., 373.
Worthington, Josiah W., 266.
Wright, B. C., 373.

Index of Subjects

A

Abomasum, Dislocation of the, 249.
Abortion in Cattle, Use of Progesterone to Control Habitual, 505.
Acetonemia, ACTH in the Treatment of Bovine, 248.
Actinomycosis, Chlortetracycline for, 414.
Actinomycosis in Man, Terramycin in, 135.
(ACTH) in Cyanide Poisoning, Corticotropin, 390.
ACTH in the Treatment of Bovine Acetonemia, 248.
Africa, Foot-and-Mouth Disease in South, 360.
African Swine Fever, 131.
Agglutination Reactions Among Brucella, Vibrio, and Other Microorganisms, Cross-, 58.
Agglutinins for Vibrio Fetus, Detection of, 355.
Alabama Poultry Farm, Control of the Fowl Tick, Argas Persicus (Oken), on an, 446.
Aldrin and Dieldrin in Sublethal Dosages, with Reference to the Histopathological Findings and Reproduction, Long Term Studies on Dogs Fed, 28.
Algae Foods Predicted, Commercial, 539.
Allergy in Man, Fright Disease in Dogs and, 538.
American Board of Veterinary Public Health, Meeting of the, 286.
American College of Veterinary Pathologists, Meeting of the, 286.
American Veterinary Exhibitors Association, Meeting of the, 288.
American Veterinary Practitioner — A Survey, The, 98.
Anemia in Baby Pigs, Nutritional, 54.
Anesthesia of the Penis and Relaxation of the Retractor Penis Muscle, The Internal Pudendal (Pudic) Nerve Block for, 18.
Correction—"Anesthesia of the Penis," 131.
Anesthetic for Dogs, The Use of Secobarbital Sodium and Mephenesin as an, A Preliminary Report, 297.
Anesthetics for Domestic Fowl, 520.
Aneurysms of the Internal Iliac Artery in a Holstein-Friesian Bull, 320.
Anomalies from Excessive Vitamin A, 140.
Anthrax, 50, 458.
Anthrax, A Review of, 495.
Anthrax Bacillus and Antibiotics, The, 527.
Anthrax in Great Britain in 1952, 91.
Antibiotic, Erythromycin, Clinical Report on the New, 42.
Antibiotic Isolated from Streptomyces Lavendulae, Framycetin, New, 543.
Antibiotic, Sensitization to, 440.
Antibiotic Therapy, Fatalities Following, 452.
Antibiotic Therapy, Micrococcic Enteritis as a Complication of, 226.
Antibiotic Troches, Reactions to, 414.
Antibiotics and Duck Growth, 539.
Antibiotics and Fungous Flora, 447.
Antibiotics and Guinea Pigs, 430.
Antibiotics, Environment versus, 539.
Antibiotics for Fungi, 91.
Antibiotics for Skin Infections, 452.
Antibiotics, Fungous Infections and, 390.
Antibiotics in Baby Pigs, Implanting, 539.
Antibiotics in Dairy Cow Nutrition, 54.
Antibiotics in Man and Animals, Sulfonamides and, 545.
Antibiotics in Rumen Digestion, 52.
Antibiotics on Fructolysis in Diluted Semen, Influence of, 144.
Antibiotics on the Fertility of Bull Semen, Effect of, 248.
Antibiotics on Virus, Action of, 536.
Antibiotics, The Anthrax Bacillus and, 527.

Antibiotics, Vitamin B_{12}, and Fat, 241.
Antibodies, Transmission of Capacity to Produce, 543.
Antitoxin, Penicillin or Tetanus, 452.
Aphrodisiacs in Gilts and Sows, Estrus-Promoting Effect of, 144.
Argas Persicus (Oken), on an Alabama Poultry Farm, Control of the Fowl Tick, 446.
Arsenic in Swine Tissues Following Oral Administration, Residual, 341.
Arsonic Compounds in Nutrition 538.
Arterial Embolisms, Diagnosing, 194.
Artery in a Holstein-Friesian Bull, Aneurysms of the Internal Illiac, 320.
Arthritis in a Bull, Cortisone for, 408.
Arthritis in Calves, Erysipelatous, 335.
Atomic Defense, The Physician in, 461.
Atrophic Rhinitis of Swine, Studies on Infectious, I. Isolation of a Filterable Agent from the Nasal Cavity of Swine with Infectious Atrophic Rhinitis, 45.
Atrophic Rhinitis Produced with Pasteurella Multocida, 231.
Aujeszky's Disease, Immunology in, 527.
Aureomycin Absorbed from the Udder 239.
Aureomycin and Other Compounds on Horse Strongyle Larvae, Effects of, 542.
Aureomycin's Name Changed to Chlortetracycline, 453.
Aureomycin Toxicity, 54.
Australia, Laryngotracheitis in, 526.
Australia, Virus Reduces Rabbits in, 314.
Avian Cerebellar Hypoplasia and Degeneration, 136.
Avian Neoplasia, 57.
Avianized Rabies Vaccine, 495.
AVMA Award (Dr. George W. Gillie), 279.
Award Established, Burr A. Beach, 266.
Award for Research on Infertility 401.
Award, Ontario Veterinary College Wins Top Educational Exhibit, 276.
Award Winners at Toronto, 278.

B

B_{12} Fed to Dogs, Chlortetracycline and, 454.
Babesiosis Canis, Imported Case of, 461.
Baby Pigs, Implanting Antibiotics in, 539.
Baby Pigs Without Colostrum, Isolation Units for Growing, 542.
Bacilli Which Need Drugs to Grow, 527.
Bacitracin Pellets for Chicks, 54.
Bacteriophage Active Against Moraxella (Hemophilus) Bovis, A Possible, 409.
Banti's Syndrome in a Dog, A Probable Case of, 125.
Barbiturate Intoxication, Acute, 60.
Barnyard Sanitation, Increasing, 139.
Barnyard Sickness, 56.
Basenji Dogs Are Not Mute, 322.
Bat, Herpes Simplex Virus in the Cave, 247.
Beach Award Established, Burr A., 266.
Beef Calves Prove Superior, Crossbred, 194.
Beef Cattle, Blood Cytology of Shipping Fever in, 209.
Bees Can Be Choosy, 125.
Belgian Congo, Cattle Breeding in, 146.
Birth Control, Animal 522.
Bite Wounds in Monkeys, Treatment of, 99.
Bitch, Ruptured Bladder in an Aged, 515.
Bladder Containing Intestines, Equine Dystocia with Inverted, 109.
Bladder in a Sheep, A Ruptured, 194.
Bladder in an Aged Bitch, Ruptured, 515.
Blood Clotting in the Chick, Effect of Growth Stimulators on, 515.
Blood Cytology of Shipping Fever in Beef Cattle, 209.
Blood, Hemoglobin Content of Peruvian Sheep, 246.
Blood Preserved by Freezing, Whole, 300.
Bluetongue, 458.
Bluetongue in Sheep 50, 496.
Bluetongue in Sheep, Progress with, 440.
Bones in a Dog, A Case of Osteomyelitis of Facial, 395.
Borden Award (Dr. George H. Hart), 278.
Botulism, Type E and Fish-Borne, 451.
Bovine Acetonemia, ACTH in the Treatment of, 248.
Bovine Brucellosis Immunization, 496.
Bovine Corpus Luteum of Pregnancy, Essentiality of the, 542.
Bovine Hearts, Erysipelas in Two, 321.
Bovine Hyperkeratosis (X Disease), 427.
Bovine Infectious Diseases, 495.
Bovine Leptospirosis, Control of, 495.
Bovine Mastitis Due to Yeasts, 212.
Bovine Semen, The Evaluation of, 461.
Bovine Serum Solids, The Prevention of Calf Scours with, 130.
Bovine Strains of Vibrio Fetus, Serological Relationships of Ovine and, 247.
Bovine Udder, Group Ca Streptococci in Infections of the, 145.
Bovine Vibriosis, 495.
Boxer Resembling Hodgkin's Disease, A Condition in a, 39.
Bracken Poisoning in Cattle, 527.
Bracken Poison, Vitamin C in, 454.
Brahman Bulls, Vasectomy of 522.
Brain Stem Stimulation, Effects of, 145.
Brazil, Second Pan American Veterinary Congress to Be Held in Sao Paulo, 546.
Breeding — A Field Trial, Treatment of Range Ewes with Estradiol Cyclopentylpropionate to Control, 195.
Breeding in Belgian Congo, Cattle, 146.
Breeds, Trends in Poultry, 194.
Britain, Current Diseases in, 331.
Bromsulfalein Test as a Liver Function Test in Dogs, The, 59.
Brucella Abortus Infection, Influence of Castration on, 33.
Brucella Abortus Ring Test with Vitally Stained Antigen, 147.
Brucella Abortus Strain 19, Intracaudal Vaccination with, 340.
Brucella Abortus, The Application of a Suggested Method for Differentiating Vaccinal and Infection Titers on Cattle Known to Be Infected with, 121.
Brucella Abortus Vaccine, Postvaccination Responses in Calves Vaccinated with Strain 19, 246.
Brucella Lesions in Guinea Pigs, 418.
Brucella Melitensis, Urease and Catalase Activities of, 246.
Brucella, Vibrio, and Other Microörganisms, Cross-Agglutination Reactions Among, 58.
Brucellosis, 496.
Brucellosis Clean-Up, Benefits from, 41.
Brucellosis Control, Aspects of, 248.
Brucellosis Eradication, Coöperative, 496.
Brucellosis Immunization, Bovine, 496.
Brucellosis in Minnesota, Human, 139.
Brucellosis Testing, Time Saver in, 3.
Budgerigars, French Moult in, 537.
Buffalo, Excretion of Sex Hormones During Pregnancy in the, 299.
Bull Aneurysms of the Internal Iliac Artery in a Holstein-Friesian, 320.
Bull, Cortisone for Arthritis in a, 408.
Bulls, Effect of Season on Dairy, 507.
Bull Fertility, Transportation and, 396.
Bull, Inguinal Hernia in the, 110.
Bull Semen at Low Temperature, Influence of Glycerol in Conservation of, 30.
Bull Semen, Effect of Antibiotics on the Fertility of, 248.
Bulls, Vasectomy of Brahman, 522.
Burro, The Effect of Phenothiazine N. F. (Green) and Phenothiazine N. F. Purified on the Uptake of I^{131} by the Thyroid of the, Preliminary Report, 328.
Burros Hunted, Wild, 263.
Business Practices in Veterinary Medicine 358.

C

Ca Streptococci Infections of the Bovine Udder, Group, 145.
Calcium Disodium Ethylenediaminetetraäcetate, The Treatment of Chronic Lead Poisoning in Horses with, 383.
Calcium Disodium Ethylenediaminetetraäcetate, Treatment of Acute Lead Poisoning in Calves with, 526.
Calcium, Potassium, and Magnesium in Dairy Calves, 543.
Calculi from Range Steers, Chemical Composition of Urinary, 460.
Calf Crop, Limited Season Increases, 194.
Calf Factory, A California, 497.
Calf, Hybrid (Shorthorn-Deer), (illus.), 541.
Calf Produced from Frozen Semen, First Live Heifer, (illus.), 110.
Calf Scours with Bovine Serum Solids, The Prevention of, 130.
Call-Board, Television, 273.
Calves, A Litter of, 296.
Calves, A Puzzling Poisoning of, 138.
Calves and in Men, Leptospirosis in, 129.
Calves, Calcium, Potassium, and Magnesium in Dairy, 543.
Calves, Congenital Hereditary Paralysis in, 59.
Calves, Erysipelatous Arthritis in, 335.
Calves Fed Coconut Meal, Vitamin E Deficiency Among Dairy, 348.
Calves from Frozen Semen, First, 109.
Calves, Leptospirosis in, 128.
Calves Vaccinated with Strain 19 Brucella Abortus Vaccine, Postvaccination Responses in, 246.
Calves, Vitamin B_{12} Requirement of Dairy, 538.
Calves with Calcium Disodium Ethylenediaminetetraacetate, Treatment of Acute Lead Poisoning in, 526.

Canada, Hog Cholera in, 176.
Canada, Rabies in Northwestern, 331.
Canada, Tuberculosis Death Rate in, 245.
Canadian Disease Problems, 494.
Canary Pox and Vaccination, 496.
Canine Cushing's Syndrome, Sertoli Cell Tumor of Testis, Hypothyroidism, Endocrine Diseases of the Dog Associated with Hair Loss, 402.
Canine Distemper and a Respiratory Disease of Man, Comparative Study of, 48.
Canine Mast Cell Sarcoma, Preliminary Observations on the Use of Cortisone in, 391.
Canine Myelography, Various Contrast Mediums in, 311.
Canine Nocardiosis — A Report of Two Cases, 535.
Canine Skin, Glands of the, 356.
Canine Strangulated Stomach, A, 300.
Canine Warfarin Poisoning, 225.
Caponization of Native Drakes, 315.
Castration on Brucella Abortus Infection, Influence of, 33.
Cat, Diabetes Mellitus in a, 118.
Cat, Dihydrostreptomycin in Gastroenteritis in the, 543.
Cat Scratch Disease Not New, 418.
Catalase Activities of Brucella Melitensis, Urease and, 246.
Cats, Fate of Intravenous Iron in, 455.
Cats, Leptospirosis in, 51.
Cats, Nocardia Infection in, 139.
Cats, Phenolized Rabies Vaccine in, 330.
Cats, Psychoses in, 129.
Cattle, An Illinois Practitioner's Survey of Leptospira Pomona in, 450.
Cattle and Man, Ringworm of, 536.
Cattle, Block versus Loose Salt for Dairy, 455.
Cattle, Bracken Poisoning in, 527.
Cattle Breeding in Belgian Congo, 146.
Cattle, East Coast Fever, Theileria Parva Infection in, 360.
Cattle, Heat Tolerance of Red Sindhi, 436.
Cattle in Feedlots, More, 354.
Cattle in Washington, Isolation of Leptospira from, A Preliminary Report, 322.
Cattle Known to Be Infected with Brucella Abortus, The Application of a Suggested Method for Differentiating Vaccinal and Infection Titers in, 121.
Cattle, Linseed Meal Containing Ricin Toxic to, 59.
Cattle, Lungworms in, 99.
Cattle, Multiple Schwannomas of, 542.
Cattle Noseprints, Monozygotic, 27.
Cattle, Parasites in, 495.
Cattle, Pasteurelloses in Dairy, 204.
Cattle, Photosensitization in, 454.
Cattle Poisoning in Georgia, 454.
Cattle, Simple Minerals for, 455.
Cattle, Tetany in, 146.
Cattle, The Pathology of Shipping Fever in Feedlot, 198.
Cattle, The Transmission of Proliferative Stomatitis of, 419.
Cattle, Toxoplasmosis, V. Isolation of Toxoplasma from, 87.
Cattle, Transmission of Parasitic Worms Between Sheep and, 459.
Cattle, Traumatic Gastritis in, 138.
Cattle, Use of Progesterone to Control Habitual Abortion in, 505.
Cecum in a Horse, Eventration of the, 193.
Cerebellar Hypoplasia and Degeneration, Avian, 136.
Cervicovaginal Mucus for Vibrio Fetus Agglutinins, The Tampon Method of Collection and the Examination of, 516.
Cheetah, Tuberculosis in a, 389.
Chemistry, Practical Clinical, 147.
Chick, Effect of Growth Stimulators on Blood Clotting in the, 515.
Chick Growth, Effect of Detergent on, 539.
Chicken Embryo with the Use of Radioactive Phosphorus, Studies on the Developing, 57.
Chickens Caused by Trichloroethylene-Extracted Soybean Meal, Toxicosis of, 38.
Chickens, Effect of Transplantable Lymphomatosis on Young, 459.
Chickens, Hemorrhagic Disease in, 37.
Chicks, Bacitracin Pellets for, 54.
Chinchilla Diseases and Ailments, 356.
Chinchilla, Intramedullary Fixation of Femoral Fracture in a, 400.
Chinchilla, Isolation of Salmonella Pullorum from a, 213.
Chinchilla, Listeriosis in the, 534.
Chinchilla, Reproductive Phenomena in the, 192.
Chinchillas, Care of, 51.
Chinchillas, Postmortem Examinations of, 310.
Chiropractors for Animals, 354.
Chlorophyll Facts and Fantasies, 540.
Chlortetracycline and B_{12} Fed to Dogs, 454.
Chlortetracycline, Aureomycin's Name Changed to, 453.
Chlortetracycline for Actinomycosis, 414.
Chlortetracycline for Toxoplasmosis, 436.
Choke, Equine, 322.
Cholecystography in the Dog, 460.
Cholera, Eradication of Hog, 495.
Cholera in Canada, Hog, 176.
Cholera in Ontario, Hog, 388.
Cholera, Penicillin for Fowl, 436.
Cholera Vaccines Approved for Interstate Shipments, Modified Live Virus, 220.
Cholera Vaccines Proposed for Swine Shipped Interstate, Modified, 76.
Cholera Vaccines, Research on Hog, 3.
Cholera Virus Bill Defeated, Hog, 477.
Cholera Virus, Viability of Hog, 114.
Civil Defense, The Small Animal Practitioner in, 323.
Cobalt Salt in Lamb Rations, 538.
Coccidiosis, Built-Up Litter and, 331.
Coconut Meal, Vitamin E Deficiency Among Dairy Calves Fed, 348.
Cod Liver Oil, Edema in Pigs on, 140.
Colleges of Veterinary Medicine, 1953-1954, Enrollment in, 549.
Colorado State Association Meeting, Sept. 10-11, 1953, Notes from the, 390.
Congenital Diaphragmatic Hernia, 522.
Congenital Hereditary Paralysis in Calves, 59.
Congenital Pulmonic Valvular Stenosis in a Dog, Report of a Case Successfully Treated Surgically, 292.
Congress to Be Held in Sao Paulo, Brazil, Second Pan American Veterinary, 546.
Conjunctivitis, Newcastle Disease, 47.
Contrast Medium Dosage, 401.
Convention in Toronto Completed, Plans for the 1953 AVMA, 61.
Corpus Luteum, Hemorrhage Due to Hypoprothrombinemia on Expression of the, 144.
Corpus Luteum of Pregnancy, Essentiality of the Bovine, 542.
Corticoids and Parturient Paresis, 515.
Corticotropin (ACTH) in Cyanide Poisoning, 390.
Cortisone for Arthritis in a Bull, 408.
Cortisone in Canine Mast Cell Sarcoma, Preliminary Observations on the Use of, 391.
Cottonseed Meal, Protein Values of, 241.
Cough in Finland, Pig, 248.
Coughing in Pigs, Meal-Dust, 129.
Council on Education, Foreign Veterinary Colleges Evaluated by the AVMA, 149.
Cow Nutrition, Antibiotics in Dairy, 54.
Cow, Uterotubal Insufflation in the, 520.
Cows, Acute and Prolonged Insulin in, 57.
Cows on Rubber Floors in Sweden, 99.
Cows, Teat Vesicles as Primary and Almost Exclusive Lesions in an Extensive Outbreak of Vesicular Stomatitis (New Jersey Strain) in Milking, 415.
Cryptorchidism, Gonadotrophin for, 27.
Curarization per Rectum, 129.
Cushing's Syndrome, Sertoli Cell Tumor of Testis, Hypothyroidism, Canine, Endocrine Diseases of the Dog Associated with Hair Loss, 402.
Cyanide Poisoning, Corticotropin (ACTH) in, 390.
Cyanide Poisoning, Johnson Grass, 52.
Cyst, Pregnancy in a Mare with an Ovarian, 249.
Cystic Hematuria, Treatment of, 249.
Cysticercus Bovis, Immunity to, 138.
Cytology of Shipping Fever in Beef Cattle, Blood, 209.

D

Dairy Animals, Observations on Lindane Poisoning in, 448.
Dairy Animals, The Pathology of Experimental Hypovitaminosis A in Young, 240.
Dairy Bulls, Effect of Season on, 507.
Dairy Calves, Calcium, Potassium, and Magnesium in, 545.
Dairy Calves Fed Coconut Meal, Vitamin E Deficiency Among, 348.
Dairy Calves, Vitamin B_{12} Requirement of, 538.
Dairy Cattle, Block versus Loose Salt for, 455.
Dairy Cattle, Pasteurelloses in, 204.
Dairy Cow Nutrition, Antibiotics in, 54.
Dairyman's Dilemma, The, 329.
DDT and Methylene Blue Milk Tests, 138.
Deans of Colleges of Veterinary Medicine, Meeting of, 288.
Department of Agriculture Announced, Reorganization Plans for the, 475.
Dermatology, Veterinary, 357.
De-Snooding to Reduce Erysipelas, 30.

Detergent on Chick Growth, Effect of, 539.
Diabetes Mellitus in a Cat, 118.
Diaphragmatic Hernia, Congenital, 522.
Dictionary, Stedman's Medical, 463.
Dieldrin in Sublethal Dosages, with Reference to the Histopathological Findings and Reproduction, Long Term Studies on Dogs Fed Aldrin and, 28.
Diets, Fats Improve Animal, 54.
Difco Manual, 148.
Digestion, Antibiotics in Rumen, 52.
Dihydrostreptomycin in Gastroenteritis in the Cat, 543.
Diplococcus Food Infection in Mink, 58.
Dipping Sheep, Losses from, 534.
Disinfectants on Micrococci, Action of Hypochlorite and Other, 543.
Dislocation of the Abomasum, 249.
Dissection of the Dog, Guide to the, 545.
Distemper and a Respiratory Disease of Man, Comparative Study of Canine, 48.
Distemper Prophylaxis in Dogs, 144.
Doctor Draft Law, President Signs, 151.
Dog, A Case of Osteomyelitis of Facial Bones in a, 395.
Dog — A Case Report, Potassium Nitrate Poisoning in a, 232.
Dog, A Probable Case of Banti's Syndrome in a, 125.
Dog Associated with Hair Loss, Endocrine Diseases of the—Sertoli Cell Tumor of Testis, Hypothyroidism, Canine Cushing's Syndrome, 402.
Dog, Cholecystography in the, 460.
Dog, Congenital Pulmonic Valvular Stenosis in a, Report of a Case Successfully Treated Surgically, 292.
Dog, Experimental Vesicular Exanthema in the, 115.
Dog, Genetics of the, 462.
Dog, Guide to the Dissection of the, 545.
Dog, Histopathology of Nephritis of the, 247.
Dog, Piroplasmosis in a, 234.
Dog, The World's First Transparent, 497.
Dog, Two Diseases of the Posterior Limbs of the, 249.
Dog Welfare Guild, The National, 60.
Dog with Radiographic Demonstration, Osseous Pachymeningitis in a, 49.
Dogs — A Case Report, Tetanus in, 119.
Dogs and Allergy in Man, Fright Disease in, 538.
Dogs Are Not Mute, Basenji, 322.
Dogs, Chlortetracycline and B_{12} Fed to, 454.
Dogs, Differentiation of Hookworm Ova in, 459.
Dogs, Distemper Prophylaxis in, 144.
Dogs Fed Aldrin and Dieldrin in Sublethal Dosages, with Reference to the Histopathological Findings and Reproduction, Long Term Studies on, 28.
Dogs, Hypertrophic Pulmonary Osteoarthropathy Resulting from Metastasis to the Lungs in, 437.
Dog's Life, Leading a 463.
Dogs, Pseudorabies Virus Infections in, 34.
Dogs, The Bacterial Flora in Otitis Externa in, 58.
Dogs, The Bromsulfalein Test as a Liver Function Test in, 59.
Dogs, The Use of Secobarbital Sodium and Mephenesin as an Anesthetic for, A Preliminary Report, 297.
Dogs, Treatment of Pyometra in, 544.
Drakes, Caponization of Native, 315.
Drug Encyclopedia and Therapeutic Index, 148.
Drugs, Keeping Step with the Wonder, 141.
Drugs to Grow, Bacilli Which Need, 527.
Dubos Test in Johne's Disease, Modification of Middlebrook-, 247.
Duck Growth, Antibiotics and, 539.
Dwarf Research, Reports on, 451.
Dystocia with Inverted Bladder Containing Intestines, Equine, 109.

E

East Coast Fever (Theileria Parva Infection in Cattle), 360.
Echinococcus Granulosus (Batsch 1786) Rudolphi 1805 in Salt Lake County, Utah, Examination of Commercial Silver Fox as a Possible Host for, 235.
ECP, Treatment of Hydrops Amnii with, 520.
"Edema Disease" Enterotoxemia, Is, 334.
Edema Disease in Swine, 534.
Edema in Pigs on Cod Liver Oil, 140.
Editorials:
No Substitute for Service, 55.
Keeping Step with the Wonder Drugs, 141.
Where and What Is Hemorrhagic Septicemia, 242.
Another Milestone — An Immunity Test for Erysipelas, 349.
A Little Knowledge — A Dangerous Thing, 456.
Chlorophyll Facts and Fantasies, 540.
Egg, Natural Transmission of Tumor Agents Through the, 355.
Eggs, Parthenogenesis in Turkey, 401.
Egyptian Sheep, Incidence of Diseases and Mortality Among Two Breeds of, 399.
Embolisms, Diagnosing Arterial, 194.
Embryo with the Use of Radioactive Phosphorus, Studies on the Developing Chicken, 57.
Encephalitis in Norway, Fox, 236.
Endocrine Diseases of the Dog Associated with Hair Loss, Sertoli Cell Tumor of Testis, Hypothyroidism, Canine Cushing's Syndrome, 402.
England, Ergot Poisoning in, 41.
England, Newcastle Disease in, 47.
Enrollment in Colleges of Veterinary Medicine, 1953-1954, 549.
Enteritis as a Complication of Antibiotic Therapy, Micrococcic, 226.
Enterohepatitis, Transmission of, 226.
Enterotomy in a Thoroughbred Foal, 397.
Enterotoxemia Immunization of Lambs, 246.
Enterotoxemia, Is "Edema Disease", 334.
Epiphysitis in a Young Foal with Metacarpus Vara, Traumatic, 31.
Epizootic of Foot-and-Mouth Disease, Type Differentiation During an, 145.
Epizootic Score Card, The, 458.
Epizootics, The Score Card of Some, 50.
Equine Choke, 322.
Equine Dystocia with Inverted Bladder Containing Intestines, 109.
Equine Malady, New (Colombia), 266.
Ergot Poisoning in England, 41.
Erysipelas, Another Milestone — An Immunity Test for, 349.
Erysipelas, De-Snooding to Reduce, 30.
Erysipelas, Experimental Evaluation of Culture and Serum Vaccination for the Control of Swine, I. Recapitulation of the Swine Erysipelas Problem, 301. II. Baby Pig Vaccination, 304. III. Weaning Age Vaccination, 307. IV. Gilts Vaccinated with Culture and Serum Before Breeding, and its Immunizing Effect on Their Offspring, 431.
Erysipelas, Experiments with Swine, 342.
Erysipelas, Flies Transmit Swine, 453.
Erysipelas Immunization, Swine 139.
Erysipelas in Seals, Swine, 138.
Erysipelas in Two Bovine Hearts, 321.
Erysipelas Questionnaire, Findings from a Swine, 350.
Erysipelas, Treating Swine, 409.
Erysipelatous Arthritis in Calves, 335.
Erysipelothrix Rhusiopathiae Infection in Pigeons, Spontaneous, 460.
Erythrocytic Inclusion in Swine, 459.
Erythromycin Administration, 238.
Erythromycin, Clinical Report on the New Antibiotic, 42.
Erythromycin for Human Infections, 430.
Estradiol Cyclopentylpropionate to Control Breeding — A Field Trial, Treatment of Range Ewes with, 195.
Estrus in Swine, The Failure of, 461.
Estrus-Promoting Effect of Aphrodisiacs in Gilts and Sows, 144.
Ethylenediaminetetraäcetate, The Treatment of Chronic Lead Poisoning in Horses with Calcium Disodium, 383.
Ethylenediaminetetraäcetate, Treatment of Acute Lead Poisoning in Calves with Calcium Disodium, 526.
Europe, Foot-and-Mouth Disease Decreases in, 51.
Europe, Myxomatosis in, 536.
Eventration of the Cecum in a Horse, 193.
Ewes, Urea for Pregnant, 515.
Ewes with Estradiol Cyclopentylpropionate to Control Breeding — A Field Trial, Treatment of Range, 195.
Exanthema, Brief Facts About Vesicular, 185.
Exanthema Control, Vesicular, 494.
Exanthema in the Dog, Experimental Vesicular 115.
Exanthema of Swine, The Virus of Vesicular, 58.
Exanthema, Report on Vesicular, 334.
Exanthema, Vesicular, 50, 291, 458.
Executive Board and House of Representatives, Some Actions of the, 280.
Extension Veterinarians, Conference of, 286.
Eye, Diseases of the 544.

F

Farm and Home Hour Again Features AVMA Convention, 272.
Fat, Antibiotics, Vitamin B_{12}, and, 241.
Fat Impairs Reproduction, Dietary, 241.
Fat in Feed, Use of Inedible Animal, 455.
Fat-Test for Live Animals, A, 226.
Fats Improve Animal Diets, 54.
Fecalith in a Pony, Surgical Correction of, 397.
Feed Dealers, Veterinarian and, 53.
Feed Manufacturers Association Conference, May 13-15, 1953, Notes from the American, 52.
Feed Rise, Sales of Manufactured, 54.
Feed, Use of Inedible Animal Fat in, 455.

Feedlots, More Cattle in, 354.
Feeds, A Decrease in Manufactured, 348.
Fellowships, National Science Foundation Announces 1954-1955, 549.
Femoral Fracture in a Chinchilla, Intramedullary Fixation of, 400.
Femur, Intramedullary Fixation of the, 250.
Ferret, Septicemia and Orchitis in a, 220.
Fertility in Sows, Vitamin B_{12} and, 522.
Fertility in Turkeys, Duration of, 296.
Fertility, Transportation and Bull, 396.
Fever, African Swine, 131.
Fever (Theileria Parva Infection in Cattle), East Coast, 360.
Fifteenth International Veterinary Congress in Stockholm, Late News About, 62.
Films, Review of Veterinary Medical, 250, 359, 463.
Finland, Infectious Pig Cough in, 248.
Flies, Killing Resistant, 239.
Flies, Nagana — African Trypanosomiasis of Animals, Transmitted by Tsetse, 360.
Flies Transmit Swine Erysipelas, 453.
Flour, Chemical Improvers of, 539.
Fluorine Poisoning in a Jersey Herd, 329.
Fly Ravages in Foxes and Mink, Screw, 328.
Foal, Enterotomy in a Thoroughbred, 397.
Foal, Growth Factors for the, 455.
Foals, Salmonellosis in, 526.
a Young, 31.
Foals, Salmonellosis in, 526.
Food Infection in Mink, Diplococcus, 58.
Food, Studies on Mink, 459.
Foot-and-Mouth Disease (Aftosa), 50.
Foot-and-Mouth Disease Decreases in Europe, 51.
Foot-and-Mouth Disease, Eradication versus Vaccination for, 457.
Foot-and-Mouth Disease in France, 51.
Foot-and-Mouth Disease in South Africa, 360.
Foot-and-Mouth Disease, Type Differentiation During an Epizoötic of, 145.
Foot-and-Mouth Disease Virus May Have Two Components, 51.
Foot Rot in Sheep, 139.
Foreign Veterinary Colleges Evaluated by the AVMA Council on Education, 149.
Fowl, Anesthetics for Domestic, 520.
Fowl Cholera, Penicillin for, 436.
Fowl Tick, Argas Persicus (Oken), on an Alabama Poultry Farm, Control of the, 446.
Fowl Typhoid and Its Control, 527.
Fox as a Possible Host for Echinococcus Granulosus (Batsch 1786) Rudolphi 1805 in Salt Lake County, Utah, Examination of Commercial Silver, 235.
Fox Encephalitis in Norway, 236.
Foxes and Mink, Screw Fly Ravages in, 328.
Fracture in a Chinchilla, Intramedullary Fixation of Femoral, 400.
Framycetin, New Antibiotic Isolated from Streptomyces Lavendulae, 543.
France, Foot-and-Mouth Disease in, 51.
Fright Disease in Dogs and Allergy in Man, 538.
Fructolysis in Diluted Semen, Influence of Antibiotics on, 144.
Fulbright Awards Announced, Competition for 1954-1955, 152.
Fungi, Antibiotics for, 91.
Fungous Infections and Antibiotics, 390.
Fungous Flora, Antibiotics and, 447.
Furacin-Soluble Powder for Wounds, 522.

G

Gangrene Following Intraarterial Transfusion, 396.
Garbage-Cooking Bill, The Status of, 329.
Garbage-Fed Hogs, Trichinae in, 114.
Gastritis in Cattle, Traumatic, 138.
Gastroenteritis in the Cat, Dihydrostreptomycin in, 543.
Germany Who Have Visited the United States Since 1945, Veterinarians from Scandinavia and, 92.
Gilts and Sows, Estrus-Promoting Effect of Aphrodisiacs in, 144.
Gilts Vaccinated with Culture and Serum Before Breeding, and Its Immunizing Effect on Their Offspring, Experimental Evaluation of Culture and Serum Vaccination for the Control of Swine Erysipelas, IV, 431.
Glands of the Canine Skin, 356.
Glycerol in Conservation of Bull Semen at Low Temperature, Influence of, 30.
Goats Following Treatment with Phenothiazine, Photosensitization Keratitis in Young, 237.
Goats in Israel, Leptospirosis of, 537.
Goats, New Virus Diseases of (Japan), 266.
Goats, Photosensitization in, 212.
Golf Trophy, Ontario Team Wins AVMA, 282.
Gonadotrophin for Cryptorchidism, 27.
Gossypol Not Toxic to Pigs, 44.
Grass Cyanide Poisoning, Johnson, 52.
Great Britain in 1952, Anthrax in, 91.
Group Practice, The Advantages of, 1.
Guinea Pigs, Antibiotics and, 430.
Guinea Pigs, Brucella Lesions in, 418.
Guinea Pigs, Vibrio Fetus Infection in, 247.

H

Haemonchus Contortus in Range Sheep, Phenothiazine-Salt Mixture for Control of, 132.
Hair Loss, Endocrine Diseases of the Dog Associated with, Sertoli Cell Tumor of Testis, Hypothyroidism, Canine Cushing's Syndrome, 402.
Hannover College Anniversary, The (Germany), 83.
Hardware Disease, A Study of, 440.
Haver-Glover Laboratories Makes Second Donation of $1,500 to AVMA Research Fund, 63.
Hearts, Erysipelas in Two Bovine, 321.
Heartwater in Farm Animals (Rickettsia Ruminantium Infection), 360.
Heat Exhaustion in Mink, 139.
Heat Tolerance of Red Sindhi Cattle, 436.
Hematuria, Treatment of Cystic, 249.
Hemoglobin Content of Peruvian Sheep Blood, 246.
Hemolytic Disease of Baby Pigs, 239.
(Hemophilus) Bovis, A Possible Bacteriophage Active Against Moraxella, 409.
Hemorrhage Due to Hypoprothrombinemia on Expression of the Corpus Luteum, 144.
Hemorrhagic Disease in Chickens, 37.
Hemorrhagic Septicemia, Where and What is, 242.
Herefords and Genetics, Polled, 300.
Hernia, Congenital Diaphragmatic, 522.
Hernia in the Bull, Inguinal, 110.
Hernial Repair with Tantalum Mesh, 507.
Herpes Simplex Virus in the Cave Bat, 247.
Highlights of the Nineteenth Annual Meeting, Toronto, July 20-23, 1953, 271.
Hip Joint, An Operation to Preserve the Continuity of the, 508.
Histology of Domestic Animals, Fundamentals of the, 146.
Histopathological Findings and Reproduction, Long Term Studies on Dogs Fed Aldrin and Dieldrin in Sublethal Dosages, with Reference to the, 28.
Hock Disease, Preventing Enlarged, 226.
Hodgkin's Disease, A Condition in a Boxer Resembling, 39.
Hog Cholera, Eradication of, 495.
Hog Cholera in Canada, 176.
Hog Cholera in Ontario, 388.
Hog Cholera Vaccines, Research on, 3.
Hog Cholera Virus Bill Defeated, 477.
Hog Cholera Virus, Viability of, 114.
Holstein-Friesian Bull, Aneurysms of the Internal Iliac Artery in a, 320.
Hookworm Ova in Dogs, Differentiation of, 459.
Hormone Influence on Milk Secretion, 298.
Hormones and Uterine Infection, 104.
Hormones During Pregnancy in the Buffalo, Excretion of Sex, 299.
Hormones in Reproduction, 300.
Hormones Stimulate Ovulation, 33.
Horse, Eventration of the Cecum in a, 193.
Horse Strongyle Larvae, Effects of Aureomycin and Other Compounds on, 542.
Horses and Its Control, Ringworm of, 111.
Horses, Rabies Antiserum from, 453.
Horses with Calcium Disodium Ethylenediaminetetraacetate, The Treatment of Chronic Lead Poisoning in, 383.
Hospitals, Evaluation of Plans for Combination Animal, 498.
Hospital, Poitevint Animal, 4.
House of Representatives, Some Actions of the Executive Board and, 280.
Human Infections, Erythromycin for, 430.
Humane Act Award (Martin Nicholson), 279.
Husk — Atypical Pneumonia, 238.
Hybrid (Shorthorn-Deer) Calf, (illus.), 541.
Hydrops Amnii, Surgical Relief of, 193.
Hydrops Amnii with ECP, Treatment of, 520.
Hyperkeratosis Conference, Report on, 241.
Hyperkeratosis, Vitamin A for, 454.
Hyperkeratosis (X Disease), Bovine, 427.
Hypersensitivity-Serology-Immunity, 359.
Hypertrophic Pulmonary Osteoarthropathy Resulting from Metastasis to the Lungs in Dogs, 437.
Hypochlorite and Other Disinfectants on Micrococci, Action of, 543.
Hypodermic Insecticides, Possible, 44.
Hypodermoclysis, Dangers of, 522.
Hypoglycemia in Cows, Acute and Prolonged Insulin, 57.
Hypoplasia and Degeneration, Avian Cerebellar, 136.

Hypoprothrombinemia on Expression of the Corpus Luteum, Hemorrhage Due to, 144.
Hypothyroidism, Canine Cushing's Syndrome, Sertoli Cell Tumor of Testis, Endocrine Diseases of the Dog Associated with Hair Loss, 402.
Hypovitaminosis A in Young Dairy Animals, The Pathology of Experimental, 240.

I

Icterus in Swine, 347.
Idaho, Porcupine Menace in, 329.
Immunity-Hypersensitivity-Serology, 359.
Immunity Test for Erysipelas, Another Milestone, An, 349.
Immunity to Cysticercus Bovis, 138.
Immunization, Bovine Brucellosis, 496.
Immunization of Lambs, Enterotoxemia, 246.
Immunization, Swine Erysipelas, 139.
Immunology in Aujeszky's Disease, 527.
Infertility, Award for Research on, 401.
Inguinal Hernia in the Bull, 110.
Insecticides for the Control of Swine Mange, Organic, 227.
Insecticides, Possible Hypodermic, 44.
Insemination from Excised Testes, 300.
Insemination, Optimum Time for, 401.
Inspection, Textbook of Meat, 462.
Insufflation in the Cow, Uterotubal, 520.
Insulin Hypoglycemia in Cows, Acute and Prolonged, 57.
International Veterinary Congress in Stockholm, Late News About Fifteenth, 62.
International Veterinary Congress in Stockholm, Report on Fifteenth, 466.
International Veterinary Congress Prize, Twelfth (Dr. Leunis Van Es), 278.
Intestinal Intussusception, 194.
Intestines, Effect of Neomycin on Pathogenic Organisms in, 543.
Intraarterial Transfusion, 103.
Intraarterial Transfusion, Gangrene Following, 396.
Intracaudal Vaccination with Brucella Abortus Strain 19, 340.
Intramedullary Fixation of Femoral Fracture in a Chinchilla, 400.
Intramedullary Fixation of the Femur, 250.
Intussusception, Intestinal, 194.
Iron in Cats, Fate of Intravenous, 455.
Israel, Leptospirosis of Goats in, 537.

J

Jersey Herd, Fluorine Poisoning in a, 329.
Johne's Disease, Modification of Middlebrook-Dubos Test in, 247.
Johne's Vaccine and Tuberculosis, 440.
Johnin by Fractionation, Improving, 537.
Johnson Grass Cyanide Poisoning, 52.
Jugular Veins of the Ox with Reference to the Selection of a Site for Venipuncture, An Examination of the Valves of the External, 522.

K

Keratitis in Young Goats Following Treatment with Phenothiazine, Photosensitisation, 237.
Keratitis, Treatment of Infectious Ovine, 434.
Ketosis, Ruminant, 355.
Kingman, Harry E., Jr., Dr., Appointed Assistant Executive Secretary, 351.
Kymograph, Continuous Ink-Writing, 57.

L

Lactation, A Protein Factor for, 539.
Lactation, Influence of Thyroprotein on, 396.
Lactation, Precocious, 109.
Lamb Rations, Cobalt Salt in, 538.
Lambs, Enterotoxemia Immunization of, 246.
Laryngotracheitis in Australia, 526.
Lead Arsenate with Phenothiazine, 537.
Lead Poisoning in Calves with Calcium Disodium Ethylenediaminetetraäcetate, Treatment of Acute, 526.
Lead Poisoning in Horses with Calcium Disodium Ethylenediaminetetraäcetate, The Treatment of Chronic, 383.
Legislation of Interest to the Profession, 361.
Leptospira from Cattle in Washington, Isolation of, A Preliminary Report, 322.
Leptospira Pomona in Cattle, An Illinois Practitioner's Survey of, 450.
Leptospira, Tick Transmission of, 537.
Leptospirosis, Control of Bovine, 495.
Leptospirosis in Calves, 128.
Leptospirosis in Calves and in Men, 129.
Leptospirosis in Cats, 51.
Leptospirosis in Farm Animals, Present Knowledge and Concepts of, 487.
Leptospirosis, Macroagglutination Test for, 356.
Leptospirosis of Goats in Israel, 537.
Leptospirosis, Ovine, 128.
Leptospirosis Vaccine Coming Soon, 458.
Leptospirotic Periodic Ophthalmia, 128.
Leukosis, Genetics, Environment and, 296.
Lice, Lindane for Poultry Mites and, 213.
Lice, Swine Pox Transmission by, 44.
Licensure, Reciprocity in Medical, 244.
Lindane for Poultry Mites and Lice, 213.
Lindane Poisoning in Dairy Animals, Observations on, 448.
Linen, Sepsis from Surgical, 522.
Linseed Meal Containing Ricin Toxic to Cattle, 59.
Listerellosis in Poultry, 248.
Listeriosis in Sheep, Relation of Silage to, 57.
Listeriosis in the Chinchilla, 534.
Litter and Coccidiosis, Built-Up, 331.
Litter Dry, Superphosphate to Keep, 291.
Litter, Parasites and Built-Up, 537.
Liver Function Test in Dogs, The Bromsulfalein Test as a, 59.
Liver in a Pig, Sand-Laden, 452.
Livers of Sheep, An Evaluation of Medicaments for Removing Fringed Tapeworms from the, 533.
Livestock Sanitary Association, 1953 Meeting, U. S., 494.
Lungs in Dogs, Hypertrophic Pulmonary Osteoarthropathy Resulting from Metastasis to the, 437.
Lungworms in Cattle, 99.
Lymphomatosis on Young Chickens, Effect of Transplantable, 459.

M

Macroagglutination Test for Leptospirosis, 356.
Magnesium in Dairy Calves, Calcium, Potassium, and, 543.
Mammary Vein, Varicosis of Anterior, 314.
Mange, Organic Insecticides for the Control of Swine, 227.
Mare with an Ovarian Cyst, Pregnancy in a, 249.
Mast Cell Sarcoma, Preliminary Observations on the Use of Cortisone in Canine, 391.
Mastitis Due to Yeasts, Bovine, 212.
Mastitis with Neomycin Sulfate, Observations on Treatment of Udder Infections and Clinical, 332.
Matron, The proved, 30.
Meal-Dust Coughing in Pigs, 129.
Meat-Type Swine, Certified, 389.
Meconium Peritonitis, 225.
Mental Deficiency, Toxoplasmosis in, 436.
Mental Diseases in Man and Animals, 358.
Mephenesin as an Anesthetic for Dogs, The Use of Secobarbital Sodium and, 297.
Metacarpus Vara, Traumatic Epiphysitis in a Young Foal with, 31.
Metastasis to the Lungs in Dogs, Hypertrophic Pulmonary Osteoarthropathy Resulting from, 437.
Methylene Blue Milk Test, DDT and, 138.
Mice, Control of Salmonellosis, 526.
Mice, Third Polio Virus Adapted to, 129.
Micrococci, Action of Hypochlorite and Other Disinfectants on, 543.
Micrococcic Enteritis as a Complication of Antibiotic Therapy, 226.
Microörganisms, Cross-Agglutination Reactions Among Brucella, Vibrio, and Other, 58.
Middlebrook-Dubos Test in Johne's Disease Modification of, 247.
Milk of Pastured Cows, Vitamin B_{12} in, 538.
Milk Ordinance and Code — 1953 Revision, U.S.P.H.S., 75.
Milk Secretion, Hormone Influence on, 298.
Milk Substitutes for Pigs, 140.
Milk Tests, DDT and Methylene Blue, 138.
Minerals for Cattle, Simple, 455.
Mink, Diplococcus Food Infection in, 58.
Mink Food, Studies on, 459.
Mink, Heat Exhaustion in, 139.
Mink, Screw Fly Ravages in Foxes and, 328.
Mink "Yellow Fat" in, 249.
Minnesota, Human Brucellosis in, 139.
Miseducation in Scientific Matters, 235.
"Mistakes I Have Made", 541.
Mites and Lice, Lindane for Poultry, 213.
Mongoose in Puerto Rico, Rabies in the, 453.
Monkeys, Treatment of Bite Wounds in, 99.
Monozygotic Cattle Noseprints, 27.
Moraxella (Hemophilus) Bovis, A Possible Bacteriophage Active Against, 409.
Mortality Among Two Breeds of Egyptian Sheep, Incidence of Diseases and, 399.
Moult in Budgerigars, French, 537.
Mucormycosis in Animals, 441.

Mucus for Vibrio Fetus Agglutinins, The Tampon Method of Collection and the Examination of Cervicovaginal, 516.
Myelography, Various Contrast Mediums in Canine, 311.
Myxomatosis in Europe, 536.
Myxomatosis in Rabbits, More About, 536.

N

Nagana — African Trypanosomiasis of Animals, Transmitted by Tsetse Flies, 360.
National Science Foundation Announces 1954-1955 Fellowships, 549.
Nematodes in Domestic Animals, Control of, 59.
Neomycin on Pathogenic Organisms in Intestines, Effect of, 543.
Neomycin Sulfate, Observations on Treatment of Udder Infections and Clinical Mastitis with, 332.
Neoplasia, Avian, 57.
Neoplasms of Domestic Animals, Supplement to Exhibit on, 100.
Nephritis of the Dog, Histopathology of, 247.
Nerve Block for Anesthesia of the Penis and Relaxation of the Retractor Penis Muscle, The Internal Pudendal (Pudic), 18.
Correction — "Anesthesia of the Penis", 131.
Nerve Cells in Rabbits, Vacuolated, 3.
Nerve, Streptomycin and the Eighth, 408.
New York, Psittacosis Outbreak in, 125.
Newborn Related to Sire's Age, Sex of, 33.
Newcastle Disease Conjunctivitis, 47.
Newcastle Disease, English Sparrow as a Spreader of, 542.
Newcastle Disease in England, 47.
Nocardia Infection in Cats, 139.
Nocardiosis — A Report of Two Cases, Canine, 535.
Norway, Fox Encephalitis in, 236.
Nutrition and Reproduction, 241.
Nutrition, Antibiotics in Dairy Cow, 54.
Nutrition, Arsonic Compounds in, 538.
Nutrition Secrets, Twins Reveal, 538.
Nutritional Anemia in Baby Pigs, 54.
Nutritional Physiology of Domestic Animals, 463.

O

Officers Elected at Toronto, The President-Elect and Other, 281.
Ohio, Animal Disease Reporting in, 496.
Ontario, Hog Cholera in, 388.
Ontario Veterinary College Wins Top Educational Exhibit Award, 276.
Ophthalmia, Leptospirotic Periodic, 128.
Ophthalmia, Parasites and Periodic, 418.
Orchitis in a Ferret, Septicemia and, 220.
Osseous Pachymeningitis in a Dog with Radiographic Demonstration, 49.
Osteoarthropathy Resulting from Metastasis to the Lungs in Dogs, Hypertrophic Pulmonary, 437.
Osteomyelitis of Facial Bones in a Dog, 395.
Otitis Externa in Dogs, The Bacterial Flora in, 58.
Ova in Dogs, Differentiation of Hookworm, 459.
Ovarian Cyst, Pregnancy in a Mare with an, 249.
Ovarian Pregnancy, A Case of, 507.
Ovine and Bovine Strains of Vibrio Fetus, Serological Relationships of, 247.
Ovine Keratitis, Treatment of Infectious, 434.
Ovine Leptospirosis, 128.
Ovulation, Hormones Stimulate, 33.
Ox with Reference to the Selection of a Site for Venipuncture, An Examination of the Valves of the External Jugular Veins of the, 522.

P

Pachymeningitis in a Dog with Radiographic Demonstration, Osseous, 49.
Pan American Veterinary Congress to Be Held in Sao Paulo, Brazil, Second, 546.
Parakeets, 239.
Parakeratosis in Swine, 217.
Paralysis in Calves, Congenital Hereditary, 59.
Parasites and Built-Up Litter, 537.
Parasites and Periodic Ophthalmia, 418.
Parasites in Cattle, 495.
Parasitic Diseases, Report on, 495.
Parasitic Worms Between Sheep and Cattle, Transmission of, 459.
Parasitologists, Conference of Veterinary, 286.
Paresis, Corticoids and Parturient, 515.
Parthenogenesis in Turkey Eggs, 401.
Parturient Paresis, Corticoids and, 515.
Pasteurella in Sheep Diseases, The Role of, 205.
Pasteurella Multocida, Atrophic Rhinitis Produced with, 231.
Pasteurelloses in Dairy Cattle, 204.
Pasteurellosis in Swine, 208.
Pathologists, Meeting of the American College of Veterinary, 286.
Penicillin for Fowl Cholera, 436.
Penicillin or Tetanus Antitoxin, 452.
Penicillin Transmitted by Placenta, 400.
Penis and Relaxation of the Retractor Penis Muscle, The Internal Pudendal (Pudic) Nerve Block for Anesthesia of the, 18.
Correction — "Anesthesia of the Penis", 131.
Periodic Ophthalmia, Leptospirotic, 128.
Periodic Ophthalmia, Parasites and, 418.
Peritonitis, Meconium, 225.
Peruvian Sheep Blood, Hemoglobin Content of, 246.
Pet, Therapeutic Value of a, 322.
Phenolized Rabies Vaccine in Cats, 330.
Phenothiazine, Lead Arsenate with, 537.
Phenothiazine N. F. (Green) and Phenothiazine N. F. Purified on the Uptake of I^{131} by the Thyroid of the Burro, 328.
Phenothiazine, Photosensitization Keratitis in Young Goats Following Treatment with, 237.
Phenothiazine-Salt Mixture for Control of Haemonchus Contortus in Range Sheep, 132.
Phi Zeta, Meeting of the National Society of, 287.
Phonetics, 334.
Phosphate in Swine Rations, Soft, 455.
Photosensitization in Cattle, 454.
Photosensitization in Goats, 212.
Photosensitization Keratitis in Young Goats Following Treatment with Phenothiazine, 237.
Pig Cough in Finland, Infectious, 248.
Pig, Sand-Laden Liver in a, 452.
Pig, This Little, 463.
Pigeons, Spontaneous Erysipelothrix Rhusiopathiae Infection in, 460.
Pigs, Complete Rations for Runt, 140.
Pigs, Gossypol Not Toxic to, 44.
Pigs, Hemolytic Disease of Baby, 239.
Pigs, Implanting Antibiotics in Baby, 539.
Pigs, Loss of Teats in Newborn, 296.
Pigs, Meal-Dust Coughing in, 129.
Pigs, Milk Substitutes for, 140.
Pigs, Nutritional Anemia in Baby, 54.
Pigs on Cod Liver Oil, Edema in, 140.
Pigs Saved, A New Record for, 310.
Pigs, Three-Day Sickness of Baby, 214.
Pigs Without Colostrum, Isolation Units for Growing Baby, 542.
Piroplasmosis in a Dog, 234.
Placenta, Penicillin Transmitted by, 400.
Platypus, Peculiarities of the, 239.
Pneumonia, Husk — Atypical, 238.
Pneumonia in Swine, Virus, 221, 430.
Poison, Vitamin C in Bracken, 454.
Poisoning, Canine Warfarin, 225.
Poisoning, Corticotropin (ACTH) in Cyanide, 390.
Poisoning in a Dog — A Case Report, Potassium Nitrate, 232.
Poisoning in a Jersey Herd, Fluorine, 329.
Poisoning in Cattle, Bracken, 527.
Poisoning in Dairy Animals, Observations on Lindane, 448.
Poisoning in England, Ergot, 41.
Poisoning in Georgia, Cattle, 454.
Poisoning in Calves with Calcium Disodium Ethylenediaminetetraacetate, Treatment of Acute Lead, 526.
Poisoning in Horses with Calcium Disodium Ethylenediaminetetraacetate, The Treatment of Chronic Lead, 383.
Poisoning, Johnson Grass Cyanide, 52.
Poisoning of Calves, A Puzzling, 138.
Poisoning, Trichloroethylene Soybean Meal, 54.
Poitevint Animal Hospital, 4.
Polio Virus Adapted to Mice, Third, 129.
Pony, Surgical Correction of Fecalith in a, 397.
Porcupine Menace in Idaho, 329.
Potassium, and Magnesium in Dairy Calves, Calcium, 543.
Potassium Nitrate Poisoning in a Dog — A Case Report, 232.
Poultry Breeds, Trends in, 194.
Poultry, Diseases of, 496.
Poultry Farm, Control of the Fowl Tick, Argas Persicus (Oken), on an Alabama, 446.
Poultry, Listerellosis in, 248.
Poultry Mites and Lice, Lindane for, 213.
Poultry Production, Research in (Nigeria), 83.
Pox and Vaccination, Canary, 496.
Practice, The Advantages of Group, 1.
Practitioner—A Survey, The American Veterinary, 98.
Practitioner in Civil Defense, The Small Animal, 323.
Preconvention Conference Highly Successful, Third, 276.
Pregnancy, A Case of Ovarian, 507.
Pregnancy, Essentiality of the Bovine Corpus Luteum of, 542.

Pregnancy in a Mare with an Ovarian Cyst, 249.
Pregnancy in the Buffalo, Excretion of Sex Hormones During, 299.
Pregnant Ewes, Urea for, 515.
President's Address, The, 181.
Progesterone Product, Replacement Therapy with a, 246.
Progesterone to Control Habitual Abortion in Cattle, Use of, 505.
Proliferative Stomatitis of Cattle, The Transmission of, 419.
Prophylaxis in Dogs, Distemper, 144.
Protein Factor for Lactation, A, 539.
Protein Values of Cottonseed Meal, 241.
Protozoology, 461.
Pseudorabies Virus Infections in Dogs, 34.
Psittacine Laws, Two States Revise, 245.
Psittacosis Diagnostic Laboratory, 48.
Psittacosis Outbreak in New York, 125.
Psychoses in Cats, 129.
Public Health, Meeting of the American Board of, 286.
Public Health, Veterinarians Receive Certification in Veterinary, 151.
Public Relations, Veterinary, 9.
Puerto Rico, Rabies in the Mongoose in, 453.
Pullorum Disease Conference Celebrates Twenty-Fifth Anniversary, Northeastern, 252.
Pullorum Disease Eradication, 496.
Pullorum Diseases Reduced in Northeast, 331.
Pulmonary Osteoarthropathy Resulting from Metastasis to the Lungs in Dogs, Hypertrophic, 437.
Pulmonic Valvular Stenosis in a Dog, Congenital—Report of a Case Successfully Treated Surgically, 292.
Pudendal (Pudic) Nerve Block for Anesthesia of the Penis and Relaxation of the Retractor Penis Muscle, The Internal, 18.
Correction—"Anesthesia of the Penis", 131.
Pyometra in Dogs, Treatment of, 544.

Q

Q Fever Contracted in a Laboratory, 460.

R

Rabbits in Australia, Virus Reduces, 314.
Rabbits, More About Myxomatosis in, 536.
Rabbits, Vacuolated Nerve Cells in, 3.
Rabies, 495.
Rabies Antiserum from Horses, 453.
Rabies Control, Success in Foreign, 527.
Rabies in Northwestern Canada, 331.
Rabies in Racoons, 453.
Rabies in the Mongoose in Puerto Rico, 453.
Rabies in Sheep in Rhodesia, 102.
Rabies in the United States, 330.
Rabies Vaccine Approved, 330.
Rabies Vaccine, Avianized, 495.
Rabies Vaccine in Cats, Phenolized, 330.
Rabies Virus Carriers, Rats are, 453.
Rabies Virus, Wolves—Reservoir for, 453.
Racoons, Rabies in, 453.
Radioactive Phosphorus, Studies on the Developing Chicken Embryo with the Use of, 57.
Radiographic Demonstration, Osseous Pachymeningitis in a Dog with, 49.
Radiography, A Method of Visualizing the Urinary Tract and a Basis for Assessing Renal Function in Small Animal, 187.
Correction "Contrast Medium Dosage", 401.
Radiologists, Conference of Veterinary, 287.
Radiology, Protection from X Rays in Veterinary, 343.
Rats are Rabies Virus Carriers, 453.
Rectum, Curarization per, 129.
Rendering Plants Pose a Problem, 457.
Renal Function in Small Animal Radiography, A Method of Visualizing the Urinary Tract and a Basis for Assessing, 187.
Correction "Contrast Medium Dosage", 401.
Reproduction, Dietary Fat Impairs, 241.
Reproduction, Hormones in, 300.
Reproduction, Long Term Studies on Dogs Fed Aldrin and Dieldrin in Sublethal Dosages, with Reference to the Histopathological Findings and, 28.
Reproduction, Nutrition and, 241.
Reproductive Phenomena in the Chinchilla, 192.
Reproductive Phenomena, Unusual, 33.
Research Fund Campaign, Final Report on 1952-1953, 468.
Research Fund Drive Hits $38,000, 1952-1953, 354.
Research Fund, Haver-Glover Laboratories Makes Second Donation of $1,500 to AVMA, 63.
Respiratory Disease of Man, Comparative Study of Canine Distemper and a, 48.
Rhinitis of Swine, Studies on Infectious Atrophic, I. Isolation of a Filterable Agent from the Nasal Cavity of Swine with Infectious Atrophic Rhinitis, 45.
Rhinitis Produced with Pasteurella Multocida, Atrophic, 231.
Rhodesia, Rabies in Sheep in, 102.
Ricin Toxic to Cattle, Linseed Meal Containing, 59.
(Rickettsia Ruminantium Infection), Heartwater in Farm Animals, 360.
Rinderpest, 496.
Ring Test with Vitally Stained Antigen, Brucella Abortus, 147.
Ringworm of Cattle and Man, 536.
Ringworm of Horses and Its Control, 111.
R.O.T.C. Cadets Train in Texas, 290.
Rubber Floors in Sweden, Cows on, 99.
Rumen Digestion, Antibiotics in, 52.
Rumen Surgery, 105.
Ruminant Ketosis, 355.
Runt Pigs, Complete Rations for, 140.
Rupture of the Spleen, Delayed, 3.
Ruptured Bladder in a Sheep, A, 194.
Ruptured Bladder in an Aged Bitch, 515.

S

Sales Tax Exemption on Medicines (N. Car.), 81.
Saline Drinking Water for Animals, 455.
Salmonella Pullorum, Antigenic Forms of, II, 355.
Salmonella Pullorum, Antigenic Types of, I, 356.
Salmonella Pullorum from a Chinchilla, Isolation of, 213.
Salmonellosis in Foals, 526.
Salmonellosis in Mice, Control of, 526.
Salt for Dairy Cattle, Block versus Loose, 455.
Salt in Lamb Rations, Cobalt, 538.
Salt Lake County, Utah, Examination of Commercial Silver Fox as a Possible Host for Echinococcus Granulosus (Batsch 1786) Rudolphi 1805 in, 235.
Salt Mixture for Control of Haemonchus Contortus in Range Sheep, Phenothiazine-, 132.
Sand-Laden Liver in a Pig, 452.
Sanitation, Increasing Barnyard, 139.
Sarcoma, Preliminary Observations on the Use of Cortisone in Canine Mast Cell, 391.
Scandinavia and Germany Who Have Visited the United States Since 1945, Veterinarians from, 92.
Schwannomas of Cattle, Multiple, 542.
Scours with Bovine Serum Solids, The Prevention of Calf, 130.
Scrapie, 458.
Screw Fly Ravages in Foxes and Mink, 328.
Screw Worm Control, New Approach to, 138.
Seals, Swine Erysipelas in, 138.
Secobarbital Sodium and Mephenesin as an Anesthetic for Dogs, The Use of, 297.
Semen at Low Temperature, Influence of Glycerol in Conservation of Bull, 30.
Semen Deposition Compared, Site of, 401.
Semen, Effect of Antibiotics on the Fertility of Bull, 248.
Semen, First Calves from Frozen, 109.
Semen, First Live Heifer Calf Produced from Frozen, (illus.), 110.
Semen, Influence of Antibiotics on Fructolysis in Diluted, 144.
Semen, The Evaluation of Bovine, 461.
Sensitization to Antibiotic, 440.
Sepsis From Surgical Linen, 522.
Septicemia and Orchitis in a Ferret, 220.
Septicemia, Where and What is Hemorrhagic, 242.
Serology-Immunity-Hypersensitivity, 359.
Sertoli Cell Tumor of Testis, Hypothyroidism, Canine Cushing's Syndrome, Endocrine Diseases of the Dog Associated with Hair Loss, 402.
Serum Solids, The Prevention of Calf Scours with Bovine, 130.
Serum Vaccination for the Control of Swine Erysipelas, Experimental Evaluation of Culture and, I. Recapitulation of the Swine Erysipelas Problem, 301.
Serum Vaccination for the Control of Swine Erysipelas, Experimental Evaluation of Culture and, IV. Gilts Vaccinated with Culture and Serum Before Breeding, and Its Immunizing Effect on Their Offspring, 431.
Service, No Substitute for, 55.
Sewage Waste, Vitamin B_{12} Concentrate from, 241.
Sex Hormones During Pregnancy in the Buffalo, Excretion of, 299.
Sex of Newborn Related to Sire's Age, 33.
Sheep, An Evaluation of Medicaments for Removing Fringed Tapeworms from the Livers of, 533.
Sheep, A Ruptured Bladder in a, 194.
Sheep and Cattle, Transmission of Parasitic Worms Between, 459.
Sheep Blood, Hemoglobin Content of Peruvian, 246.
Sheep, Bluetongue in, 50, 496.
Sheep Diseases, The Role of Pasteurella in, 205.
Sheep, Foot Rot in, 139.
Sheep in Rhodesia, Rabies in, 102.
Sheep, Incidence of Diseases and Mortality Among Two Breeds of Egyptian, 399.
Sheep, Losses from Dipping, 534.

Sheep, Observations of an Outbreak of Vibriosis in. 410.
Sheep, Phenothiazine-Salt Mixture for Control of Haemonchus Contortus in Range. 132.
Sheep, Progress with Bluetongue in. 440.
Sheep, Relation of Silage to Listerosis in. 57.
Shipping Fever in Beef Cattle, Blood Cytology of. 209.
Shipping Fever in Feedlot Cattle, The Pathology of. 198.
Shipping Fever, Research Needed in. 48.
(Shorthorn-Deer) Calf, Hybrid, (illus.). 541.
Silage to Listeriosis in Sheep, Relation of. 57.
Sindhi Cattle, Heat Tolerance of Red. 436.
Skin, Glands of the Canine. 356.
Skin Infections, Antibiotics for. 452.
Skin Lesions, Aspecific Reactions Caused by. 59.
Sows, An Experiment in Milking. 536.
Sows, Estrus-Promoting Effect of Aphrodisiacs in Gilts and. 144.
Sows, Vitamin B_{12} and Fertility in. 522.
Soybean Meal Poisoning, Trichloroethylene. 54.
Soybean Meal, Toxicosis of Chickens Caused by Trichloroethylene-Extracted. 38.
Sparrow as a Spreader of Newcastle Disease, English. 542.
Spermatozoa, Eccentric Tails on. 30.
Spleen, Delayed Rupture of the. 3.
Stallion Law Repealed. 264.
Standardbred Breeder, Veterinary Notes for the. 357.
Stedman's Medical Dictionary. 463.
Steers, Chemical Composition of Urinary Calculi from Range. 460.
Steers, Urethrotomy in. 109.
Stenosis in a Dog, Congenital Pulmonic Valvular—Report of a Case Successfully Treated Surgically. 292.
Stockholm, Late News About Fifteenth International Veterinary Congress in. 62.
Stockholm, Report on Fifteenth International Veterinary Congress in. 464.
Stomach, A Canine Strangulated. 300.
Stomatitis in Georgia, Vesicular. 494.
Stomatitis (New Jersey Strain) in Milking Cows, Teat Vesicles as Primary and Almost Exclusive Lesions in an Extensive Outbreak of Vesicular. 415.
Stomatitis of Cattle, The Transmission of Proliferative. 419.
Stomatitis of Swine, Experimental Vesicular. 356.
Strain 19 Brucella Abortus Vaccine, Postvaccination Responses in Calves Vaccinated with. 246.
Strain 19, Intracaudal Vaccination with Brucella Abortus. 340.
Strain 19, Vaccination via Three Routes with. 340.
Strangulated Stomach, A Canine. 300.
Streptococci Infections of the Bovine Udder, Group Ca. 145.
Streptomyces Lavendulae, Framycetin, New Antibiotic Isolated from. 543.
Streptomycin and the Eighth Nerve. 408.
Strongyle Larvae, Effects of Aureomycin and Other Compounds on. 542.
Strongyloides Infection in Swine. 145.
Sulfonamide Injection, Fatal Infection from. 131.
Sulfonamides and Antibiotics in Man and Animals. 545.
Sulfonamides, Veterinarians to Have Use of (India). 483.
Superphosphate to Keep Litter Dry. 291.
Surgery, Rumen. 105.
Surgical Linen, Sepsis from. 522.
Surgical Relief of Hydrops Amnii. 193.
Survey of Leptospira Pomona in Cattle, An Illinois Practitioner's. 450.
Sweden, Cows on Rubber Floors in. 99.
Swine, Certified Meat-Type. 389.
Swine, Edema Disease in. 534.
Swine Erysipelas, Experimental Evaluation of Culture and Serum Vaccination for the Control of. I. Recapitulation of the Swine Erysipelas Problem. 301.
Swine Erysipelas, Experimental Evaluation of Culture and Serum Vaccination for the Control of. IV. Gilts Vaccinated with Culture and Serum Before Breeding, and Its Immunizing Effect on Their Offspring. 431.
Swine Erysipelas, Experiments with. 342.
Swine Erysipelas, Flies Transmit. 452.
Swine Erysipelas Immunization. 139.
Swine Erysipelas in Seals. 138.
Swine Erysipelas Questionnaire, Findings from a. 350.
Swine Erysipelas, Treating. 409.
Swine, Erythrocytic Inclusion in. 459.
Swine, Experimental Vesicular Stomatitis of. 356.
Swine Fever, African. 131.
Swine Fever-like Disease, A. 220.
Swine, Icterus in. 347.
Swine Mange, Organic Insecticides for the Control of. 227.
Swine, Parakeratosis in. 217.
Swine, Pasteurellosis in. 208.
Swine Population of World. 114.
Swine Pox Transmission by Lice. 44.
Swine Rations, Soft Phosphate in. 455.
Swine Shipped Interstate, Modified Cholera Vaccines Proposed for. 76.
Swine, Strongyloides Infection in. 145.
Swine, Studies on Infectious Atrophic Rhinitis of. I. Isolation of a Filterable Agent from the Nasal Cavity of Swine with Infectious Atrophic Rhinitis. 45.
Swine, The Failure of Estrus in. 461.
Swine, The Virus of Vesicular Exanthema of. 58.
Swine Tissues Following Oral Administration, Residual Arsenic in. 341.
Swine, Transmissible Diseases of. 494.
Swine, Virus Pneumonia in. 221, 430.
Syringes, Setting Standards for. 537.

T

Tampon Method of Collection and the Examination of Cervicovaginal Mucus for Vibrio Fetus Agglutinins, The. 516.
Tantalum Mesh, Hernial Repair with. 507.
Tapeworms from the Livers of Sheep, An Evaluation of Medicaments for Removing Fringed. 533.
Teat Vesicles as Primary and Almost Exclusive Lesions in an Extensive Outbreak of Vesicular Stomatitis (New Jersey Strain) in Milking Cows. 415.
Teats in Newborn Pigs, Loss of. 296.
Television Again a Program Highlight, Closed-Circuit. 283.
Television Call-Board. 273.
Terramycin in Actinomycosis in Man. 135.
Teschen Disease. 360.
Test as a Liver Function Test in Dogs, The Bromsulfalein. 59.
Test for Erysipelas, Another Milestone—An Immunity. 349.
Test for Leptospirosis, Macroagglutination. 356.
Test for Live Animals, A Fat-. 226.
Test in Johne's Disease, Modification of Middlebrook-Dubos. 247.
Test with Vitally Stained Antigen, Brucella Abortus Ring. 147.
Testes, Insemination from Excised. 300.
Testis, Hypothyroidism, Canine Cushing's Syndrome, Sertoli Cell Tumor of. Endocrine Diseases of the Dog Associated with Hair Loss. 402.
Tests, DDT and Methylene Blue Milk. 138.
Tetanus Antitoxin, Penicillin or. 452.
Tetanus in Dogs—A case Report. 119.
Tetanus of Intestinal Origin in Man, 534.
Tetanus, Treatment of. 452.
Tetany in Cattle. 146.
Textbook of Meat Inspection. 462.
(Theileria Parva Infection in Cattle), East Coast Fever. 360.
Therapeutic Index, Drug Encyclopedia and. 148.
Thallium, Toxicology of. 543.
Thoroughbred Foal, Enterotomy in a. 397.
Thyroprotein on Lactation, Influence of. 396.
Thyroid of the Burro, The Effect of Phenothiazine N.F. (Green) and Phenothiazine N.F. Purified on the Uptake of I^{131} by the. 328.
Tick, Argas Persicus (Oken), on an Alabama Poultry Farm, Control of the Fowl. 446.
Tick Transmission of Leptospira. 537.
Tissues Following Oral Administration, Residual Arsenic in Swine. 341.
Titers in Cattle Known to Be Infected with Brucella Abortus, The Application of a Suggested Method for Differentiating Vaccinal and Infection. 121.
Toronto Completed, Plans for the 1953 AVMA Convention in. 61.
Toronto, July 20-23, 1953, Highlights of the Nineteenth Annual Meeting. 271.
Toxicity, Aureomycin. 54.
Toxicology of Thallium. 543.
Toxicosis of Chickens Caused by Trichloroethylene-Extracted Soybean Meal. 38.
Toxoplasma from Cattle, Toxoplasmosis, V. Isolation of. 87.
Toxoplasmosis, Chlortetracycline for. 436.
Toxoplasmosis in Mental Deficiency. 436.
Toxoplasmosis, V. Isolation of Toxoplasma from Cattle. 87.
Toxoplasmosis, The Ubiquity of. 436.
Transfusion, Gangrene Following Intraarterial. 396.
Transfusion Intraarterial. 103.
Transmissible Diseases of Swine. 494.
Transparent Dog, The World's First. 497.
Traumatic Epiphysitis in a Young Foal with Metacarpus Vara. 31.
Traumatic Gastritis in Cattle. 138.
Tribute to One of America's Greatest Veterinarians, A.. 493.
Trichinae in Garbage-Fed Hogs. 114.
Trichinosis in America. 390.

Trichloroethylene-Extracted Soybean Meal, Toxicosis of Chickens Caused by. 38.
Trichloroethylene Soybean Meal Poisoning. 54.
Troches, Reactions to Antibiotic. 414.
Trypanosomiasis in West Africa (Nigeria). 268.
Trypanosomiasis of Animals, Transmitted by Tsetse Flies, Nagana — African. 360.
Tsetse Flies, Nagana — African Trypanosomiasis of Animals, Transmitted by. 360.
Tuberculosis Death Rate in Canada. 245.
Tuberculosis in a Cheetah. 389.
Tuberculosis, Johne's Vaccine and. 440.
Tuberculosis Testing in Canada. 226.
Tumor Agents Through the Egg, Natural Transmission of. 355.
Tumor of Testis, Hypothyroidism, Canine Cushing's Syndrome, Sertoli Cell, Endocrine Diseases of the Dog Associated with Hair Loss. 402.
Turkey Eggs, Parthenogenesis in. 401.
Turkeys, Duration of Fertility in. 296.
Twins Reveal Nutrition Secrets. 538.
Typhoid and Its Control, Incidence of Fowl. 527.

U

Udder, Aureomycin Absorbed from the. 239.
Udder, Group Ca Streptococci in Infections of the Bovine. 145.
Udder Infections and Clinical Mastitis with Neomycin Sulfate, Observations on Treatment of. 332.
Udders, Effects of Vacuum Level and Milking Duration on Normal. 430.
Undulant Fever. 322.
Urea for Pregnant Ewes. 515.
Urease and Catalase Activities of Brucella Melitensis. 246.
Urethrotomy in Steers. 109.
Urinary Calculi from Range Steers, Chemical Composition of. 460.
Urinary Tract and a Basis for Assessing Renal Function in Small Animal Radiography, A Method of Visualizing the. 187.
Correction "Contrast Medium Dosage". 401.
Utah, Examination of Commercial Silver Fox as a Possible Host for Echinococcus Granulosus (Batsch 1786) Rudolphi 1805 in Salt Lake County. 235.
Uterine Infection, Hormones and. 104.
Uterotubal Insufflation in the Cow. 520.

V

Vaccination, Canary Pox and. 496.
Vaccination for Foot-and-Mouth Disease, Eradication versus. 457.
Vaccination for the Control of Swine Erysipelas, Experimental Evaluation of Culture and Serum. I. Recapitulation of the Swine Erysipelas Problem. 301.
Vaccination for the Control of Swine Erysipelas, Experimental Evaluation of Culture and Serum. IV. Gilts Vaccinated with Culture and Serum Before Breeding, and Its Immunizing Effect on their Offspring. 431.
Vaccination via Three Routes with Strain 19. 340.
Vaccination with Brucella Abortus Strain 19, Intracaudal. 340.
Vaccine and Tuberculosis, Johne's. 440.
Vaccine Approved, Rabies. 330.
Vaccine, Avianized Rabies. 495.
Vaccine Coming Soon, Leptospirosis. 458.
Vaccine in Cats, Phenolized Rabies. 330.
Vaccine, Postvaccination Responses in Calves Vaccinated with Strain 19 Brucella Abortus. 246.
Vaccines Approved for Interstate Shipments, Modified Live Virus Cholera. 220.
Vaccines Proposed for Swine Shipped Interstate, Modified Cholera. 76.
Vaccines, Research on Hog Cholera. 3.
Vacuum Level and Milking Duration on Normal Udders, Effects of. 430.
Valves of the External Jugular Veins of the Ox with Reference to the Selection of a Site for Venipuncture, An Examination of the. 522.
Valvular Stenosis in a Dog, Congenital Pulmonic, Report of a Case Successfully Treated Surgically. 292.
Van Houweling Resignation of Dr. C. D., 352.
Varicosis of Anterior Mammary Vein. 314.
Vasectomy of Brahman Bulls. 522.
Vein, Varicosis of Anterior Mammary. 314.
Veins of the Ox with Reference to the Selection of a Site for Venipuncture, An Examination of the Valves of the External Jugular. 522.
Venipuncture, An Examination of the Valves of the External Jugular Veins of the Ox with Reference to the Selection of a Site for. 522.
Vesicles as Primary and Almost Exclusive Lesions in an Extensive Outbreak of Vesicular Stomatitis (New Jersey Strain) in Milking Cows, Teat. 415.
Vesicular Diseases, Report on. 495.
Vesicular Exanthema. 50, 291, 458.
Vesicular Exanthema, Brief Facts About. 185.
Vesicular Exanthema Control. 494.
Vesicular Exanthema in the Dog, Experimental. 115.
Vesicular Exanthema of Swine, The Virus of. 58.
Vesicular Exanthema, Report on. 334.
Vesicular Stomatitis in Georgia. 494.
Vesicular Stomatitis (New Jersey Strain) in Milking Cows, Teat Vesicles as Primary and Almost Exclusive Lesions in an Extensive Outbreak of. 415.
Vesicular Stomatitis of Swine, Experimental. 356.
Veterinarians from Scandinavia and Germany Who Have Visited the United States Since 1945. 92.
Veterinarians to Have Use of Sulfonamides. 483.
Veterinary Colleges Evaluated by the AVMA Council on Education, Foreign. 149.
Veterinary Colleges in Vienna and Sydney Added to Recognized List of Veterinary Schools. 149.
Veterinary Practitioner — A Survey, The American. 98.
Veterinary Public Relations. 9.
Veterinary Sciences, Advances in. 544.
Vibrio, and Other Microörganisms, Cross-Agglutination Reactions Among Brucella. 58.
Vibrio Cultures Needed, Sept. Adv. p. 47.
Vibrio Fetus Agglutinins, The Tampon Method of Collection and the Examination of Cervicovaginal Mucus for. 516.
Vibrio Fetus, Detection of Agglutinins for. 355.
Vibrio Fetus Infection in Guinea Pigs. 247.
Vibrio Fetus, Serological Relationships of Ovine and Bovine Strains of. 247.
Vibriosis, Bovine. 495.
Vibriosis in Sheep, Observations of an Outbreak of. 410.
Virus, Action of Antibiotics on. 536.
Virus Adapted to Mice, Third Polio. 129.
Virus Bill Defeated, Hog Cholera. 477.
Virus Carriers, Rats are Rabies. 453.
Virus Cholera Vaccines Approved for Interstate Shipments, Modified Live. 220.
Virus Diseases of Goats (Japan). 266.
Virus in the Cave Bat, Herpes Simplex. 247.
Virus Infections in Dogs, Pseudorabies. 34.
Virus Lived Many Years, Pathogenic. 135.
Virus May Have Two Components, Foot-and-Mouth Disease. 51.
Virus of Vesicular Exanthema of Swine, The. 58.
Virus Pneumonia in Swine. 221, 430.
Virus Reduces Rabbits in Australia. 314.
Virus, Viability of Hog Cholera. 114.
Virus, Wolves — Reservoir for Rabies. 453.
Vitamin A, Anomalies from Excessive. 140.
Vitamin A for Hyperkeratosis. 454.
Vitamin B_{12}, and Fat, Antibiotics. 241.
Vitamin B_{12} and Fertility in Sows. 522.
Vitamin B_{12} Concentrate from Sewage Waste. 241.
Vitamin B_{12} in Milk of Pastured Cows. 538.
Vitamin B_{12} Requirement of Dairy Calves. 538.
Vitamin C in Bracken Poison. 455.
Vitamin E Deficiency Among Dairy Calves Fed Coconut Meal. 348.

W

Warfarin Poisoning, Canine. 225.
Warning, Go Slow, a Timely. 458.
Washington, Isolation of Leptospira from Cattle in— A Preliminary Report. 322.
Washington, News from. 64, 150, 253, 362, 469, 548.
Washington Representative's Report, AVMA. 275.
Water for Animals, Saline Drinking. 455.
Wolves — Reservoir for Rabies Virus. 453.
Women's Auxiliary Officers Elected for 1953-1954. 273.
Women's Veterinary Medical Association, Meeting of the. 285.
Wonder Drugs, Keeping Step with the. 141.
Worm Control, New Approach to Screw. 138.
Worms Between Sheep and Cattle, Transmission of Parasitic. 459.
Wounds, Furacin-Soluble Powder for. 522.

X, Y, Z

(X Disease), Bovine Hyperkeratosis. 427.
X Rays in Veterinary Radiology, Protection from. 343.
"X Rays, The Hazards of", Comments on Henny's Essay. 388.
Yeasts, Bovine Mastitis Due to. 212.
"Yellow Fat" in Mink. 249.
Zoo Veterinarians, Meeting of. 285.